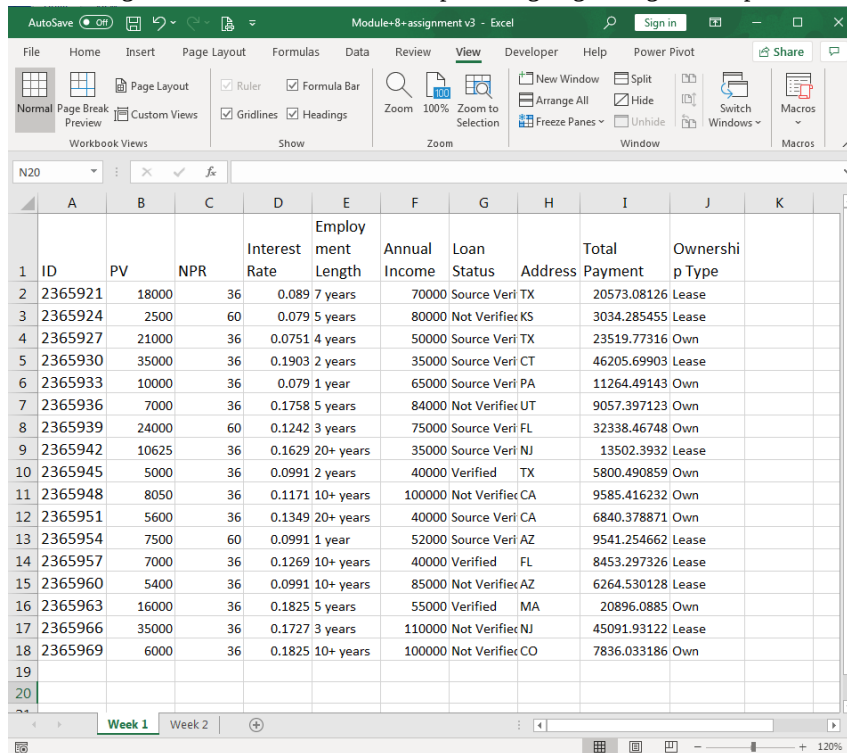


8.22: Assignment- Create Macro for Car Loan Spreadsheet

In this assignment, we will record a macro and run it to modify a spreadsheet of car loan data received on a weekly basis. After recording a macro for the first week, run the macro on a new set of data for week two.

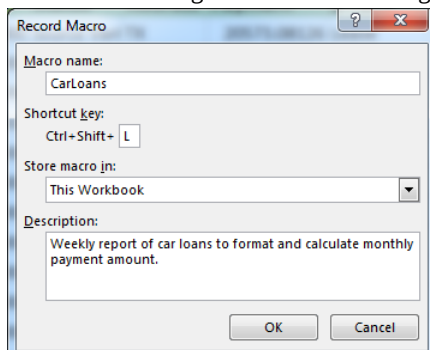
To complete this assignment, [download the car loan file here](#). Follow the directions, then submit your assignment. If you get stuck on a step, review this module and ask your classmates for help in the discussion forum.

1. Open the workbook and save the new Module 8 assignment file to the Rowan folder on your desktop as BA132_LastName_CarLoans.xlsx, replacing "LastName" with your own last name. (Example: BA132_Hywater_Memo) It is a good idea to save your work periodically.
2. **Scenario:** Each week you receive a worksheet filled with car loan data. To make it easier to analyze on a weekly, record a macro and change the worksheet look, calculate the monthly loan payment amount and identify which loans are leases. (Hint: Read through all the instructions first and practice going through the steps before starting the macro recording.)



	A	B	C	D	E	F	G	H	I	J	K
	ID	PV	NPR	Interest Rate	Employment Length	Annual Income	Loan Status	Address	Total Payment	Ownership Type	
1	2365921	18000	36	0.089	7 years	70000	Source Veri TX	20573.08126	Lease		
2	2365924	2500	60	0.079	5 years	80000	Not Verifiec KS	3034.285455	Lease		
3	2365927	21000	36	0.0751	4 years	50000	Source Veri TX	23519.77316	Own		
4	2365930	35000	36	0.1903	2 years	35000	Source Veri CT	46205.69903	Lease		
5	2365933	10000	36	0.079	1 year	65000	Source Veri PA	11264.49143	Own		
6	2365936	7000	36	0.1758	5 years	84000	Not Verifiec UT	9057.397123	Own		
7	2365939	24000	60	0.1242	3 years	75000	Source Veri FL	32338.46748	Own		
8	2365942	10625	36	0.1629	20+ years	35000	Source Veri NJ	13502.3932	Lease		
9	2365945	5000	36	0.0991	2 years	40000	Verified TX	5800.490859	Own		
10	2365948	8050	36	0.1171	10+ years	100000	Not Verifiec CA	9585.416232	Own		
11	2365951	5600	36	0.1349	20+ years	40000	Source Veri CA	6840.378871	Own		
12	2365954	7500	60	0.0991	1 year	52000	Source Veri AZ	9541.254662	Lease		
13	2365957	7000	36	0.1269	10+ years	40000	Verified FL	8453.297326	Lease		
14	2365960	5400	36	0.0991	10+ years	85000	Not Verifiec AZ	6264.530128	Lease		
15	2365963	16000	36	0.1825	5 years	55000	Verified MA	20896.0885	Own		
16	2365966	35000	36	0.1727	3 years	110000	Not Verifiec NJ	45091.93122	Lease		
17	2365969	6000	36	0.1825	10+ years	100000	Not Verifiec CO	7836.033186	Own		
18											
19											
20											

3. **Record Macro:** Open the spreadsheet and from the View tab or the Developer tab start a macro recording. Name the macro whatever you would like, add a short-cut key (optional), and write a description for it.
 - a. Once the recording is started walk through these steps, then stop the recording.



b. Change the title row to any color, change the font color if needed, and bold the titles.

AutoSave Off Module+8+assignment v2 - E... Search Sign in

File Home Insert Page Layout Formulas Data Review View Developer Help Power Pivot Share Comments

Clipboard Font Alignment Number Styles Cells Editing Ideas

K15

	A	B	C	D	E	F	G	H	I	J	K	L
	Employment											
1	ID	PV	NPR	Interest Rate	Length	Annual Income	Loan Status	Address	Total Payment	Ownership Type		
2	2365921	18000	36	0.089	7 years	70000	Source Veri	TX	20573.08126	Lease		
3	2365924	2500	60	0.079	5 years	80000	Not Verifiec	KS	3034.285455	Lease		
4	2365927	21000	36	0.0751	4 years	50000	Source Veri	TX	23519.77316	Own		
5	2365930	35000	36	0.1903	2 years	35000	Source Veri	CT	46205.69903	Lease		
6	2365933	10000	36	0.079	1 year	65000	Source Veri	PA	11264.49143	Own		
7	2365936	7000	36	0.1758	5 years	84000	Not Verifiec	UT	9057.397123	Own		
8	2365939	24000	60	0.1242	3 years	75000	Source Veri	FL	32338.46748	Own		
9	2365942	10625	36	0.1629	20+ years	35000	Source Veri	NJ	13502.3932	Lease		
10	2365945	5000	36	0.0991	2 years	40000	Verified	TX	5800.490859	Own		
11	2365948	8050	36	0.1171	10+ years	100000	Not Verifiec	CA	9585.416232	Own		
12	2365951	5600	36	0.1349	20+ years	40000	Source Veri	CA	6840.378871	Own		
13	2365954	7500	60	0.0991	1 year	52000	Source Veri	AZ	9541.254662	Lease		
14	2365957	7000	36	0.1269	10+ years	40000	Verified	FL	8453.297326	Lease		
15	2365960	5400	36	0.0991	10+ years	85000	Not Verifiec	AZ	6264.530128	Lease		
16	2365963	16000	36	0.1825	5 years	55000	Verified	MA	20896.0885	Own		
17	2365966	35000	36	0.1727	3 years	110000	Not Verifiec	NJ	45091.93122	Lease		
18	2365969	6000	36	0.1825	10+ years	100000	Not Verifiec	CO	7836.033186	Own		
19												
20												
21												
22												

Week 1 Week 2

Ready 120%

c. Change all the currency columns to a currency format (this includes the PV, Annual Income, Total Payment).

AutoSave Off Module+8+assignment v2 - E... Search Sign in

File Home Insert Page Layout Formulas Data Review View Developer Help Power Pivot Share Comments

Clipboard Paste Font Alignment Number Styles Cells Editing Ideas

Calibri 11 A⁺ A⁻ B I U General Conditional Formatting Insert Delete Format Format as Table Cell Styles

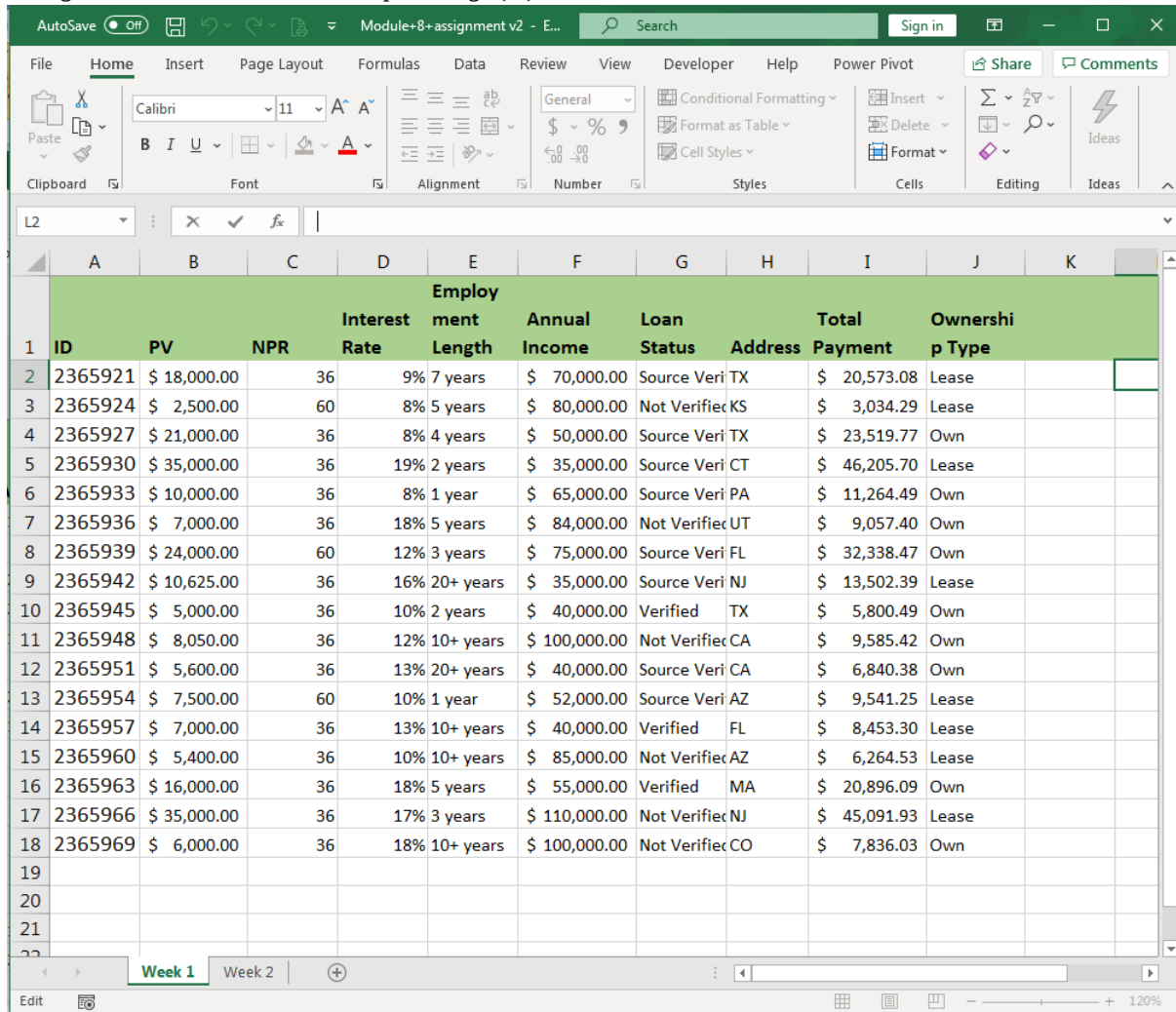
K7

	A	B	C	D	E	F	G	H	I	J	K
				Interest	Employ	Annual	Loan		Total	Ownshi	
1	ID	PV	NPR	Rate	ment Length	Income	Status	Address	Payment	p Type	
2	2365921	\$ 18,000.00	36	0.089	7 years	\$ 70,000.00	Source Veri	TX	\$ 20,573.08	Lease	
3	2365924	\$ 2,500.00	60	0.079	5 years	\$ 80,000.00	Not Verifiec	KS	\$ 3,034.29	Lease	
4	2365927	\$ 21,000.00	36	0.0751	4 years	\$ 50,000.00	Source Veri	TX	\$ 23,519.77	Own	
5	2365930	\$ 35,000.00	36	0.1903	2 years	\$ 35,000.00	Source Veri	CT	\$ 46,205.70	Lease	
6	2365933	\$ 10,000.00	36	0.079	1 year	\$ 65,000.00	Source Veri	PA	\$ 11,264.49	Own	
7	2365936	\$ 7,000.00	36	0.1758	5 years	\$ 84,000.00	Not Verifiec	UT	\$ 9,057.40	Own	
8	2365939	\$ 24,000.00	60	0.1242	3 years	\$ 75,000.00	Source Veri	FL	\$ 32,338.47	Own	
9	2365942	\$ 10,625.00	36	0.1629	20+ years	\$ 35,000.00	Source Veri	NJ	\$ 13,502.39	Lease	
10	2365945	\$ 5,000.00	36	0.0991	2 years	\$ 40,000.00	Verified	TX	\$ 5,800.49	Own	
11	2365948	\$ 8,050.00	36	0.1171	10+ years	\$ 100,000.00	Not Verifiec	CA	\$ 9,585.42	Own	
12	2365951	\$ 5,600.00	36	0.1349	20+ years	\$ 40,000.00	Source Veri	CA	\$ 6,840.38	Own	
13	2365954	\$ 7,500.00	60	0.0991	1 year	\$ 52,000.00	Source Veri	AZ	\$ 9,541.25	Lease	
14	2365957	\$ 7,000.00	36	0.1269	10+ years	\$ 40,000.00	Verified	FL	\$ 8,453.30	Lease	
15	2365960	\$ 5,400.00	36	0.0991	10+ years	\$ 85,000.00	Not Verifiec	AZ	\$ 6,264.53	Lease	
16	2365963	\$ 16,000.00	36	0.1825	5 years	\$ 55,000.00	Verified	MA	\$ 20,896.09	Own	
17	2365966	\$ 35,000.00	36	0.1727	3 years	\$ 110,000.00	Not Verifiec	NJ	\$ 45,091.93	Lease	
18	2365969	\$ 6,000.00	36	0.1825	10+ years	\$ 100,000.00	Not Verifiec	CO	\$ 7,836.03	Own	
19											
20											
21											
22											

Week 1 Week 2 +

Ready 120%

d. Change the Interest Rate column to a percentage (%).



	A	B	C	D	E	F	G	H	I	J	K
	ID	PV	NPR	Interest Rate	Employment Length	Annual Income	Loan Status	Address	Total Payment	Ownership Type	
2	2365921	\$ 18,000.00	36	9%	7 years	\$ 70,000.00	Source Veri	TX	\$ 20,573.08	Lease	
3	2365924	\$ 2,500.00	60	8%	5 years	\$ 80,000.00	Not Verifie	KS	\$ 3,034.29	Lease	
4	2365927	\$ 21,000.00	36	8%	4 years	\$ 50,000.00	Source Veri	TX	\$ 23,519.77	Own	
5	2365930	\$ 35,000.00	36	19%	2 years	\$ 35,000.00	Source Veri	CT	\$ 46,205.70	Lease	
6	2365933	\$ 10,000.00	36	8%	1 year	\$ 65,000.00	Source Veri	PA	\$ 11,264.49	Own	
7	2365936	\$ 7,000.00	36	18%	5 years	\$ 84,000.00	Not Verifie	UT	\$ 9,057.40	Own	
8	2365939	\$ 24,000.00	60	12%	3 years	\$ 75,000.00	Source Veri	FL	\$ 32,338.47	Own	
9	2365942	\$ 10,625.00	36	16%	20+ years	\$ 35,000.00	Source Veri	NJ	\$ 13,502.39	Lease	
10	2365945	\$ 5,000.00	36	10%	2 years	\$ 40,000.00	Verified	TX	\$ 5,800.49	Own	
11	2365948	\$ 8,050.00	36	12%	10+ years	\$ 100,000.00	Not Verifie	CA	\$ 9,585.42	Own	
12	2365951	\$ 5,600.00	36	13%	20+ years	\$ 40,000.00	Source Veri	CA	\$ 6,840.38	Own	
13	2365954	\$ 7,500.00	60	10%	1 year	\$ 52,000.00	Source Veri	AZ	\$ 9,541.25	Lease	
14	2365957	\$ 7,000.00	36	13%	10+ years	\$ 40,000.00	Verified	FL	\$ 8,453.30	Lease	
15	2365960	\$ 5,400.00	36	10%	10+ years	\$ 85,000.00	Not Verifie	AZ	\$ 6,264.53	Lease	
16	2365963	\$ 16,000.00	36	18%	5 years	\$ 55,000.00	Verified	MA	\$ 20,896.09	Own	
17	2365966	\$ 35,000.00	36	17%	3 years	\$ 110,000.00	Not Verifie	NJ	\$ 45,091.93	Lease	
18	2365969	\$ 6,000.00	36	18%	10+ years	\$ 100,000.00	Not Verifie	CO	\$ 7,836.03	Own	
19											
20											
21											

e. Add in a new column to the right of the Interest Rate column and call it PMT.

f. **Financial Function:** In the new column use the PMT function and calculate the monthly payment amount for the first loan. (Remember the rate needs to be divided by 12 to get the monthly payment and place a minus sign before the PV cell (-B2) if you don't want the negative red numbers.)

g. Autofill the rest of the column with the formula to discover each loan's monthly payment amount.

Module+8+assignment v2 - Ex...

File Home Insert Page Layout Formulas Data Review View Developer Help Power Pivot

Clipboard Font Alignment Number Styles Cells Editing Ideas

F20

	A	B	C	D	E	F	G	H	I	J	K	L	M
	ID	PV	NPR	Interest Rate	PMT	Employment Length	Annual Income	Loan Status	Address	Total Payment	Ownership Type		
2	2365921	\$ 18,000.00	36	9%	\$571.56	7 years	\$ 70,000.00	Source Veri	TX	\$ 20,573.08	Lease		
3	2365924	\$ 2,500.00	60	8%	\$50.57	5 years	\$ 80,000.00	Not Verifie	KS	\$ 3,034.29	Lease		
4	2365927	\$ 21,000.00	36	8%	\$653.33	4 years	\$ 50,000.00	Source Veri	TX	\$ 23,519.77	Own		
5	2365930	\$ 35,000.00	36	19%	\$1,283.49	2 years	\$ 35,000.00	Source Veri	CT	\$ 46,205.70	Lease		
6	2365933	\$ 10,000.00	36	8%	\$312.90	1 year	\$ 65,000.00	Source Veri	PA	\$ 11,264.49	Own		
7	2365936	\$ 7,000.00	36	18%	\$251.59	5 years	\$ 84,000.00	Not Verifie	UT	\$ 9,057.40	Own		
8	2365939	\$ 24,000.00	60	12%	\$538.97	3 years	\$ 75,000.00	Source Veri	FL	\$ 32,338.47	Own		
9	2365942	\$ 10,625.00	36	16%	\$375.07	20+ years	\$ 35,000.00	Source Veri	NJ	\$ 13,502.39	Lease		
10	2365945	\$ 5,000.00	36	10%	\$161.12	2 years	\$ 40,000.00	Verified	TX	\$ 5,800.49	Own		
11	2365948	\$ 8,050.00	36	12%	\$266.26	10+ years	\$ 100,000.00	Not Verifie	CA	\$ 9,585.42	Own		
12	2365951	\$ 5,600.00	36	13%	\$190.01	20+ years	\$ 40,000.00	Source Veri	CA	\$ 6,840.38	Own		
13	2365954	\$ 7,500.00	60	10%	\$159.02	1 year	\$ 52,000.00	Source Veri	AZ	\$ 9,541.25	Lease		
14	2365957	\$ 7,000.00	36	13%	\$234.81	10+ years	\$ 40,000.00	Verified	FL	\$ 8,453.30	Lease		
15	2365960	\$ 5,400.00	36	10%	\$174.01	10+ years	\$ 85,000.00	Not Verifie	AZ	\$ 6,264.53	Lease		
16	2365963	\$ 16,000.00	36	18%	\$580.45	5 years	\$ 55,000.00	Verified	MA	\$ 20,896.09	Own		
17	2365966	\$ 35,000.00	36	17%	\$1,252.55	3 years	\$ 110,000.00	Not Verifie	NJ	\$ 45,091.93	Lease		
18	2365969	\$ 6,000.00	36	18%	\$217.67	10+ years	\$ 100,000.00	Not Verifie	CO	\$ 7,836.03	Own		
19													
20													

Week 1 Week 2

Ready 120%

h. Add filters to column titles and sort the monthly payment amount from the highest to the lowest.

AutoSave Off | Module+8+assignment v2 - E... | Search | Sign in

File Home Insert Page Layout Formulas Data Review View Developer Help Power Pivot | Share | Comments

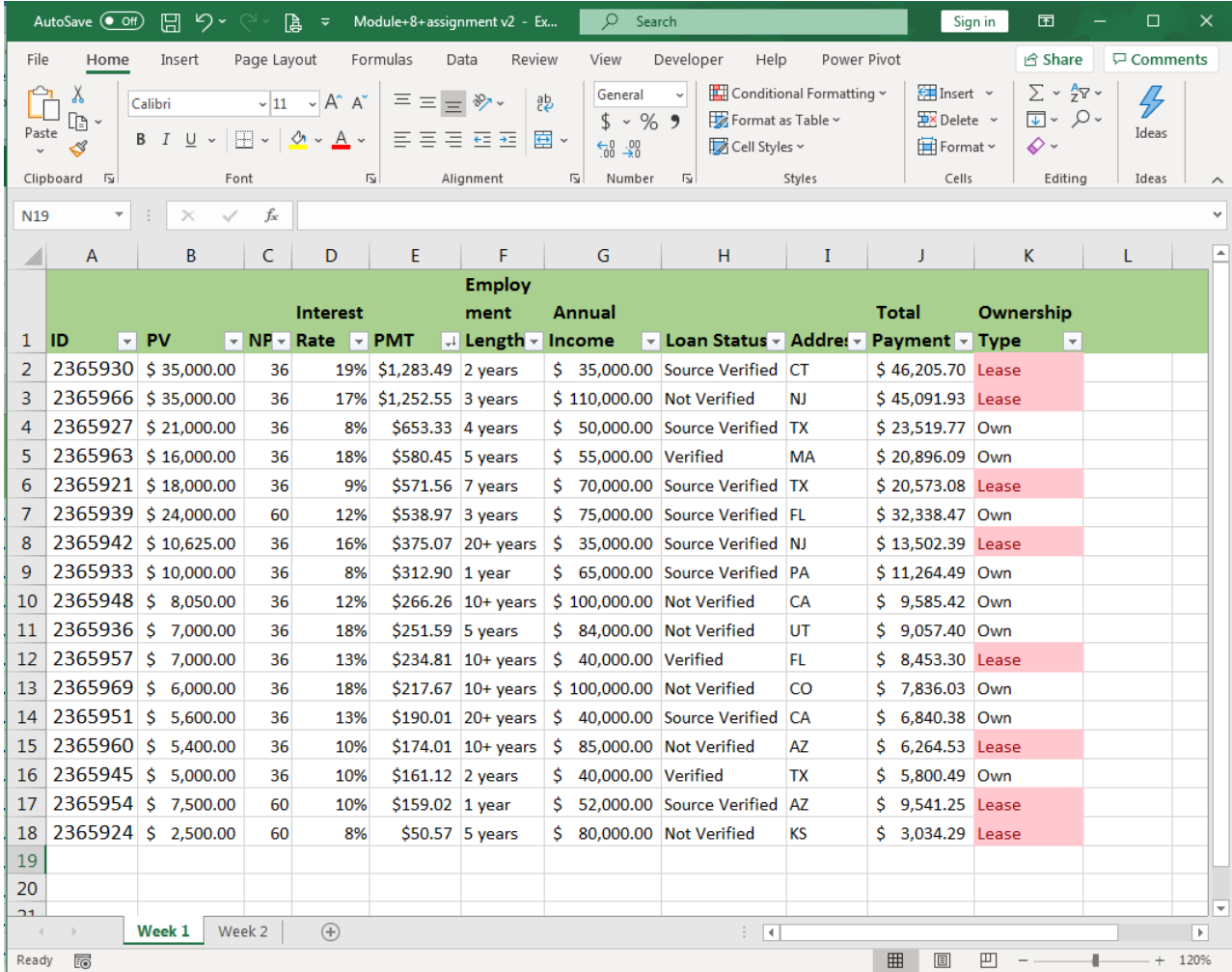
Clipboard | Font | Alignment | Number | Styles | Cells | Editing | Ideas

E1 | PMT

	A	B	C	D	E	F	G	H	I	J	K	L
	ID	PV	NP	Rate	PMT	Length	Annual Income	Loan Status	Address	Total Payment	Ownership Type	
2	2365930	\$ 35,000.00	36	19%	\$1,283.49	2 years	\$ 35,000.00	Source Verified	CT	\$ 46,205.70	Lease	
3	2365966	\$ 35,000.00	36	17%	\$1,252.55	3 years	\$ 110,000.00	Not Verified	NJ	\$ 45,091.93	Lease	
4	2365927	\$ 21,000.00	36	8%	\$653.33	4 years	\$ 50,000.00	Source Verified	TX	\$ 23,519.77	Own	
5	2365963	\$ 16,000.00	36	18%	\$580.45	5 years	\$ 55,000.00	Verified	MA	\$ 20,896.09	Own	
6	2365921	\$ 18,000.00	36	9%	\$571.56	7 years	\$ 70,000.00	Source Verified	TX	\$ 20,573.08	Lease	
7	2365939	\$ 24,000.00	60	12%	\$538.97	3 years	\$ 75,000.00	Source Verified	FL	\$ 32,338.47	Own	
8	2365942	\$ 10,625.00	36	16%	\$375.07	20+ years	\$ 35,000.00	Source Verified	NJ	\$ 13,502.39	Lease	
9	2365933	\$ 10,000.00	36	8%	\$312.90	1 year	\$ 65,000.00	Source Verified	PA	\$ 11,264.49	Own	
10	2365948	\$ 8,050.00	36	12%	\$266.26	10+ years	\$ 100,000.00	Not Verified	CA	\$ 9,585.42	Own	
11	2365936	\$ 7,000.00	36	18%	\$251.59	5 years	\$ 84,000.00	Not Verified	UT	\$ 9,057.40	Own	
12	2365957	\$ 7,000.00	36	13%	\$234.81	10+ years	\$ 40,000.00	Verified	FL	\$ 8,453.30	Lease	
13	2365969	\$ 6,000.00	36	18%	\$217.67	10+ years	\$ 100,000.00	Not Verified	CO	\$ 7,836.03	Own	
14	2365951	\$ 5,600.00	36	13%	\$190.01	20+ years	\$ 40,000.00	Source Verified	CA	\$ 6,840.38	Own	
15	2365960	\$ 5,400.00	36	10%	\$174.01	10+ years	\$ 85,000.00	Not Verified	AZ	\$ 6,264.53	Lease	
16	2365945	\$ 5,000.00	36	10%	\$161.12	2 years	\$ 40,000.00	Verified	TX	\$ 5,800.49	Own	
17	2365954	\$ 7,500.00	60	10%	\$159.02	1 year	\$ 52,000.00	Source Verified	AZ	\$ 9,541.25	Lease	
18	2365924	\$ 2,500.00	60	8%	\$50.57	5 years	\$ 80,000.00	Not Verified	KS	\$ 3,034.29	Lease	
19												
20												

Week 1 | Week 2 | 120%

i. Use conditional formatting in the 'Ownership Type' column to highlight all car leases in red.



The screenshot shows an Excel spreadsheet with a table of car lease data. The 'Ownership Type' column is highlighted in red for all rows where the value is 'Lease'. The table has the following columns: ID, PV, NP, Rate, PMT, Length, Income, Loan Status, Address, Total Payment, and Ownership Type. The data is organized into two tabs: 'Week 1' and 'Week 2'.

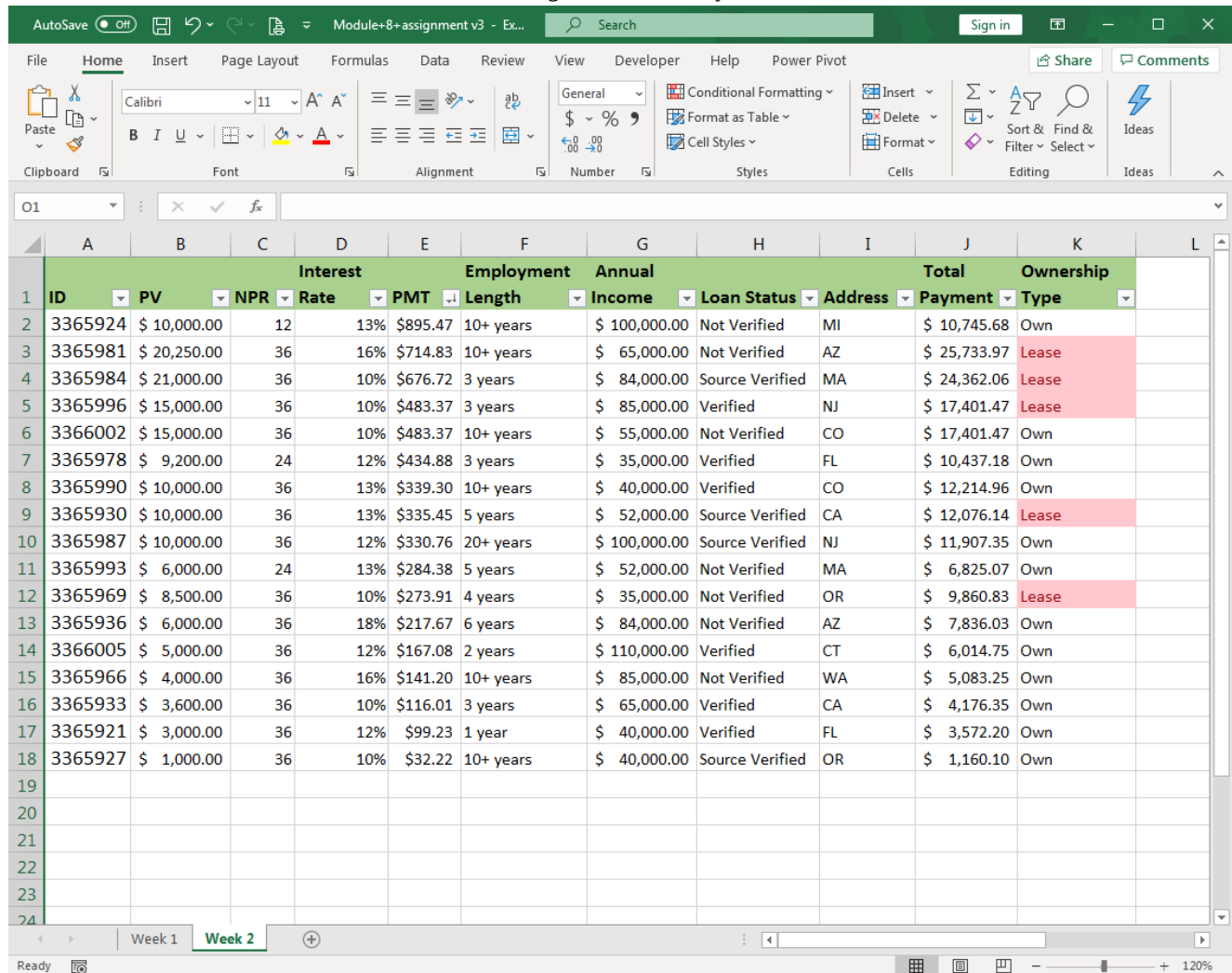
	ID	PV	NP	Rate	PMT	Length	Income	Loan Status	Address	Total Payment	Ownership Type
2	2365930	\$ 35,000.00	36	19%	\$1,283.49	2 years	\$ 35,000.00	Source Verified	CT	\$ 46,205.70	Lease
3	2365966	\$ 35,000.00	36	17%	\$1,252.55	3 years	\$ 110,000.00	Not Verified	NJ	\$ 45,091.93	Lease
4	2365927	\$ 21,000.00	36	8%	\$653.33	4 years	\$ 50,000.00	Source Verified	TX	\$ 23,519.77	Own
5	2365963	\$ 16,000.00	36	18%	\$580.45	5 years	\$ 55,000.00	Verified	MA	\$ 20,896.09	Own
6	2365921	\$ 18,000.00	36	9%	\$571.56	7 years	\$ 70,000.00	Source Verified	TX	\$ 20,573.08	Lease
7	2365939	\$ 24,000.00	60	12%	\$538.97	3 years	\$ 75,000.00	Source Verified	FL	\$ 32,338.47	Own
8	2365942	\$ 10,625.00	36	16%	\$375.07	20+ years	\$ 35,000.00	Source Verified	NJ	\$ 13,502.39	Lease
9	2365933	\$ 10,000.00	36	8%	\$312.90	1 year	\$ 65,000.00	Source Verified	PA	\$ 11,264.49	Own
10	2365948	\$ 8,050.00	36	12%	\$266.26	10+ years	\$ 100,000.00	Not Verified	CA	\$ 9,585.42	Own
11	2365936	\$ 7,000.00	36	18%	\$251.59	5 years	\$ 84,000.00	Not Verified	UT	\$ 9,057.40	Own
12	2365957	\$ 7,000.00	36	13%	\$234.81	10+ years	\$ 40,000.00	Verified	FL	\$ 8,453.30	Lease
13	2365969	\$ 6,000.00	36	18%	\$217.67	10+ years	\$ 100,000.00	Not Verified	CO	\$ 7,836.03	Own
14	2365951	\$ 5,600.00	36	13%	\$190.01	20+ years	\$ 40,000.00	Source Verified	CA	\$ 6,840.38	Own
15	2365960	\$ 5,400.00	36	10%	\$174.01	10+ years	\$ 85,000.00	Not Verified	AZ	\$ 6,264.53	Lease
16	2365945	\$ 5,000.00	36	10%	\$161.12	2 years	\$ 40,000.00	Verified	TX	\$ 5,800.49	Own
17	2365954	\$ 7,500.00	60	10%	\$159.02	1 year	\$ 52,000.00	Source Verified	AZ	\$ 9,541.25	Lease
18	2365924	\$ 2,500.00	60	8%	\$50.57	5 years	\$ 80,000.00	Not Verified	KS	\$ 3,034.29	Lease
19											
20											
21											

j. Select the entire table and autofit the columns to be wide enough to fit all the data

k. Stop the macro recording.

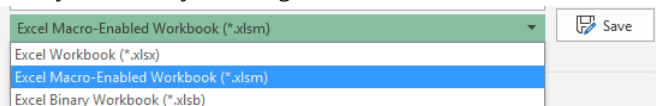
4. Select 'Week 2' worksheet tab containing a new week of information. (Note: Make a copy of this tab first in case you need to redo the Macro. Remember once a Macro is run there is no going back with 'Undo Typing' option.)

5. Run the new macro and watch the new information change almost instantly.



	Interest		Employment		Annual		Total		Ownership	
ID	PV	NPR	Rate	PMT	Length	Income	Loan Status	Address	Payment	Type
3365924	\$ 10,000.00	12	13%	\$895.47	10+ years	\$ 100,000.00	Not Verified	MI	\$ 10,745.68	Own
3365981	\$ 20,250.00	36	16%	\$714.83	10+ years	\$ 65,000.00	Not Verified	AZ	\$ 25,733.97	Lease
3365984	\$ 21,000.00	36	10%	\$676.72	3 years	\$ 84,000.00	Source Verified	MA	\$ 24,362.06	Lease
3365996	\$ 15,000.00	36	10%	\$483.37	3 years	\$ 85,000.00	Verified	NJ	\$ 17,401.47	Lease
3366002	\$ 15,000.00	36	10%	\$483.37	10+ years	\$ 55,000.00	Not Verified	CO	\$ 17,401.47	Own
3365978	\$ 9,200.00	24	12%	\$434.88	3 years	\$ 35,000.00	Verified	FL	\$ 10,437.18	Own
3365990	\$ 10,000.00	36	13%	\$339.30	10+ years	\$ 40,000.00	Verified	CO	\$ 12,214.96	Own
3365930	\$ 10,000.00	36	13%	\$335.45	5 years	\$ 52,000.00	Source Verified	CA	\$ 12,076.14	Lease
3365987	\$ 10,000.00	36	12%	\$330.76	20+ years	\$ 100,000.00	Source Verified	NJ	\$ 11,907.35	Own
3365993	\$ 6,000.00	24	13%	\$284.38	5 years	\$ 52,000.00	Not Verified	MA	\$ 6,825.07	Own
3365969	\$ 8,500.00	36	10%	\$273.91	4 years	\$ 35,000.00	Not Verified	OR	\$ 9,860.83	Lease
3365936	\$ 6,000.00	36	18%	\$217.67	6 years	\$ 84,000.00	Not Verified	AZ	\$ 7,836.03	Own
3366005	\$ 5,000.00	36	12%	\$167.08	2 years	\$ 110,000.00	Verified	CT	\$ 6,014.75	Own
3365966	\$ 4,000.00	36	16%	\$141.20	10+ years	\$ 85,000.00	Not Verified	WA	\$ 5,083.25	Own
3365933	\$ 3,600.00	36	10%	\$116.01	3 years	\$ 65,000.00	Verified	CA	\$ 4,176.35	Own
3365921	\$ 3,000.00	36	12%	\$99.23	1 year	\$ 40,000.00	Verified	FL	\$ 3,572.20	Own
3365927	\$ 1,000.00	36	10%	\$32.22	10+ years	\$ 40,000.00	Source Verified	OR	\$ 1,160.10	Own

6. Save your work by selecting Save As and choose Excel Macro-Enabled Workbook.



7. Submit the document in your course online.

Contributors and Attributions

CC licensed content, Original

- Assignment: Create Macro for Car Loan Spreadsheet. **Authored by:** Sherri Pendleton. **Provided by:** Lumen Learning. **License:** [CC BY: Attribution](#)

8.22: Assignment- Create Macro for Car Loan Spreadsheet is shared under a [CC BY](#) license and was authored, remixed, and/or curated by LibreTexts.