Sample Lab Output Documentation

Please keep in mind that the copy/paste from my IDE doesn't get the formatting 100%

**Case #1**

Enter the loan amount :

100000

Enter the starting annual interest rate as a percent (n.nnn) :

4.00

Enter the ending annual interest rate as a percent (n.nnn) :

6

Enter the first term in years for calculating payments :

15

Enter the last term in years for calculating payments :

30

Rate 15 years 20 years 25 years 30 years

4.00 739.69 605.98 527.84 477.42

4.25 752.28 619.23 541.74 491.94

4.50 764.99 632.65 555.83 506.69

4.75 777.83 646.22 570.12 521.65

5.00 790.79 659.96 584.59 536.82

5.25 803.88 673.84 599.25 552.20

5.50 817.08 687.89 614.09 567.79

5.75 830.41 702.08 629.11 583.57

6.00 843.86 716.43 644.30 599.55

**Case #2**

Enter the loan amount :

654321

Enter the starting annual interest rate as a percent (n.nnn) :

3.463

Enter the ending annual interest rate as a percent (n.nnn) :

7.8

Enter the first term in years for calculating payments :

10

Enter the last term in years for calculating payments :

15

Rate 10 years 15 years

3.46 6458.98 4665.75

3.71 6535.80 4746.37

3.96 6613.18 4827.81

4.21 6691.12 4910.07

4.46 6769.61 4993.15

4.71 6848.66 5077.03

4.96 6928.26 5161.73

5.21 7008.41 5247.22

5.46 7089.11 5333.51

5.71 7170.36 5420.59

5.96 7252.15 5508.46

6.21 7334.49 5597.11

6.46 7417.37 5686.54

6.71 7500.79 5776.73

6.96 7584.75 5867.70

7.21 7669.25 5959.41

7.46 7754.28 6051.89

7.71 7839.84 6145.11

**Case #3**

Enter the loan amount :

10000002

Enter the starting annual interest rate as a percent (n.nnn) :

1.2

Enter the ending annual interest rate as a percent (n.nnn) :

3.6

Enter the first term in years for calculating payments :

10

Enter the last term in years for calculating payments :

45

Rate 10 years 15 years 20 years 25 years 30 years 35 years 40 years 45 years

1.20 88474.94 60733.19 46887.21 38599.51 33090.88 29170.23 26242.03 23975.39

1.45 89571.22 61849.50 48024.94 39759.14 34272.61 30374.12 27468.02 25223.40

1.70 90676.15 62978.75 49179.85 40940.16 35479.86 31607.56 28727.53 26508.79

1.95 91789.72 64120.91 50351.89 42142.44 36712.42 32870.26 30020.12 27830.94

2.20 92911.92 65275.94 51540.98 43365.87 37970.09 34161.90 31345.32 29189.20

2.45 94042.73 66443.82 52747.05 44610.29 39252.63 35482.10 32702.58 30582.80

2.70 95182.14 67624.51 53970.03 45875.56 40559.77 36830.45 34091.32 32010.94

2.95 96330.14 68817.96 55209.81 47161.49 41891.23 38206.53 35510.89 33472.75

3.20 97486.71 70024.13 56466.29 48467.91 43246.70 39609.84 36960.63 34967.29

3.45 98651.84 71242.98 57739.38 49794.61 44625.84 41039.90 38439.80 36493.58

3.70 99825.51 72474.45 59028.96 51141.39 46028.31 42496.16 39947.66 38050.63

**Case #4**

Enter the loan amount :

1267865

Enter the starting annual interest rate as a percent (n.nnn) :

8.497

Enter the ending annual interest rate as a percent (n.nnn) :

3.456

Enter the first term in years for calculating payments :

40

Enter the last term in years for calculating payments :

67

Rate 40 years 45 years 50 years 55 years 60 years 65 years 70 years

3.46 4878.19 4631.59 4442.59 4295.11 4178.38 4084.95 4009.51

3.71 5069.46 4829.09 4646.01 4504.09 4392.58 4304.02 4233.09

3.96 5264.25 5030.36 4853.36 4717.12 4610.89 4527.20 4460.75

4.21 5462.48 5235.25 5064.46 4933.99 4833.05 4754.21 4692.16

4.46 5664.04 5443.63 5279.15 5154.47 5058.81 4984.75 4927.00

4.71 5868.82 5655.35 5497.25 5378.37 5287.94 5218.57 5164.99

4.96 6076.70 5870.28 5718.59 5605.47 5520.20 5455.40 5405.84

5.21 6287.58 6088.28 5942.99 5835.59 5755.36 5694.98 5649.27

5.46 6501.36 6309.20 6170.29 6068.51 5993.21 5937.10 5895.05

5.71 6717.90 6532.91 6400.32 6304.06 6233.53 6181.51 6142.94

5.96 6937.12 6759.26 6632.91 6542.05 6476.14 6428.02 6392.72

6.21 7158.88 6988.13 6867.92 6782.31 6720.83 6676.42 6644.20

6.46 7383.10 7219.38 7105.19 7024.66 6967.43 6926.53 6897.19

6.71 7609.64 7452.87 7344.57 7268.96 7215.79 7178.20 7151.54

6.96 7838.42 7688.50 7585.92 7515.05 7465.73 7431.26 7407.08

7.21 8069.33 7926.13 7829.12 7762.78 7717.13 7685.57 7663.69

7.46 8302.25 8165.64 8074.03 8012.04 7969.84 7941.00 7921.23

7.71 8537.10 8406.93 8320.52 8262.68 8223.74 8197.43 8179.61

7.96 8773.78 8649.88 8568.49 8514.60 8478.73 8454.77 8438.72

8.21 9012.18 8894.40 8817.83 8767.68 8734.68 8712.90 8698.48

8.46 9252.23 9140.37 9068.43 9021.83 8991.52 8971.74 8958.80

8.71 9493.83 9387.71 9320.19 9276.95 9249.14 9231.21 9219.62