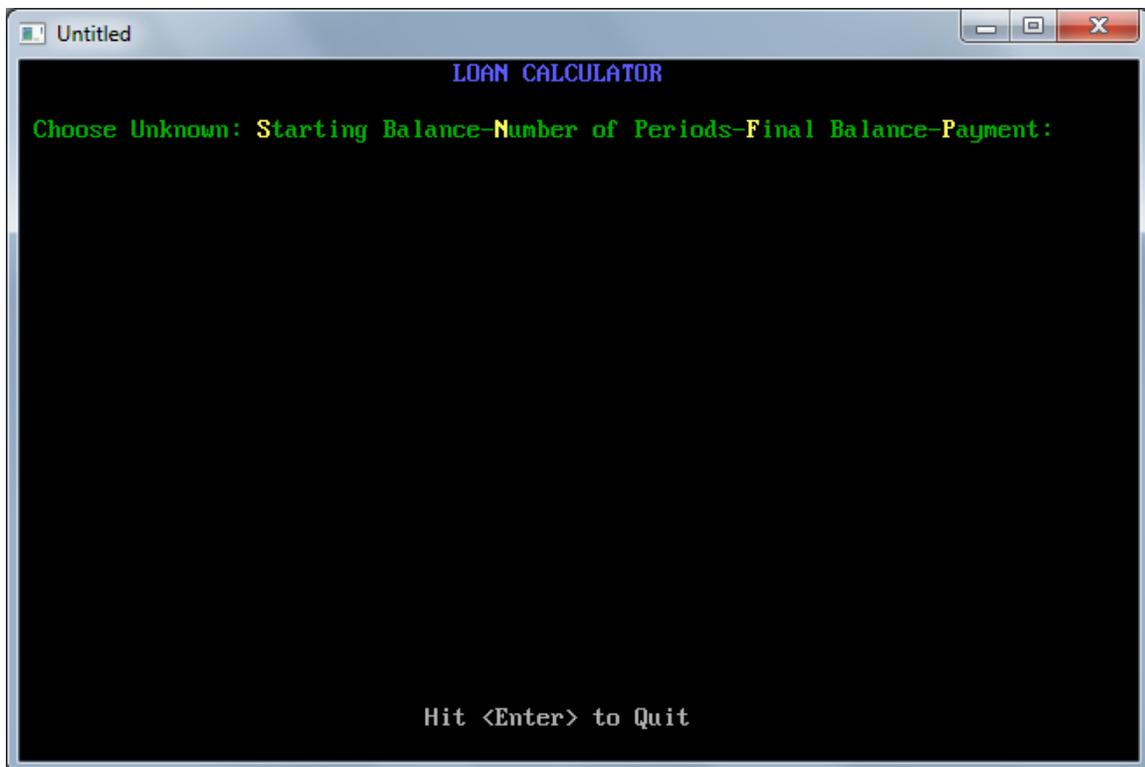
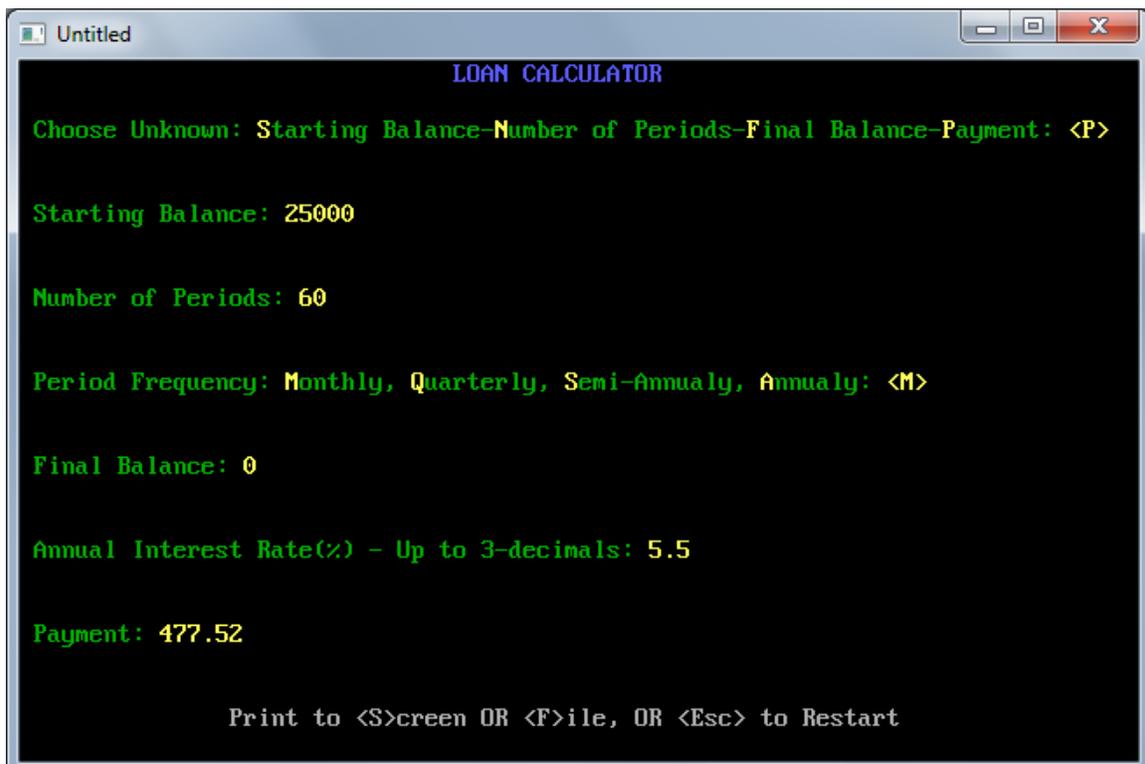


Loan Calculator



The Opening Screen



Calculating The Payment

Untitled

LOAN CALCULATOR

Starting Balance: 25,000.00 Number Of Periods: 60

Final Balance: 0.62 Period Frequency: M

Payment: 477.52 APR%: 5.5

Per.#	Balance	Interest	Principal	Balance
1	25,000.00	114.58	362.94	24,637.06
2	24,637.06	112.92	364.60	24,272.46
3	24,272.46	111.25	366.27	23,906.19
4	23,906.19	109.57	367.95	23,538.24
5	23,538.24	107.88	369.64	23,168.60
6	23,168.60	106.19	371.33	22,797.27
7	22,797.27	104.49	373.03	22,424.24
8	22,424.24	102.78	374.74	22,049.50
9	22,049.50	101.06	376.46	21,673.04
10	21,673.04	99.33	378.19	21,294.85
11	21,294.85	97.60	379.92	20,914.93
12	20,914.93	95.86	381.66	20,533.27

Hit <Esc> to Go Back OR <Any Other Key> to Continue

Printing to the First Screen

Untitled

LOAN CALCULATOR

Starting Balance: 25,000.00 Number Of Periods: 60

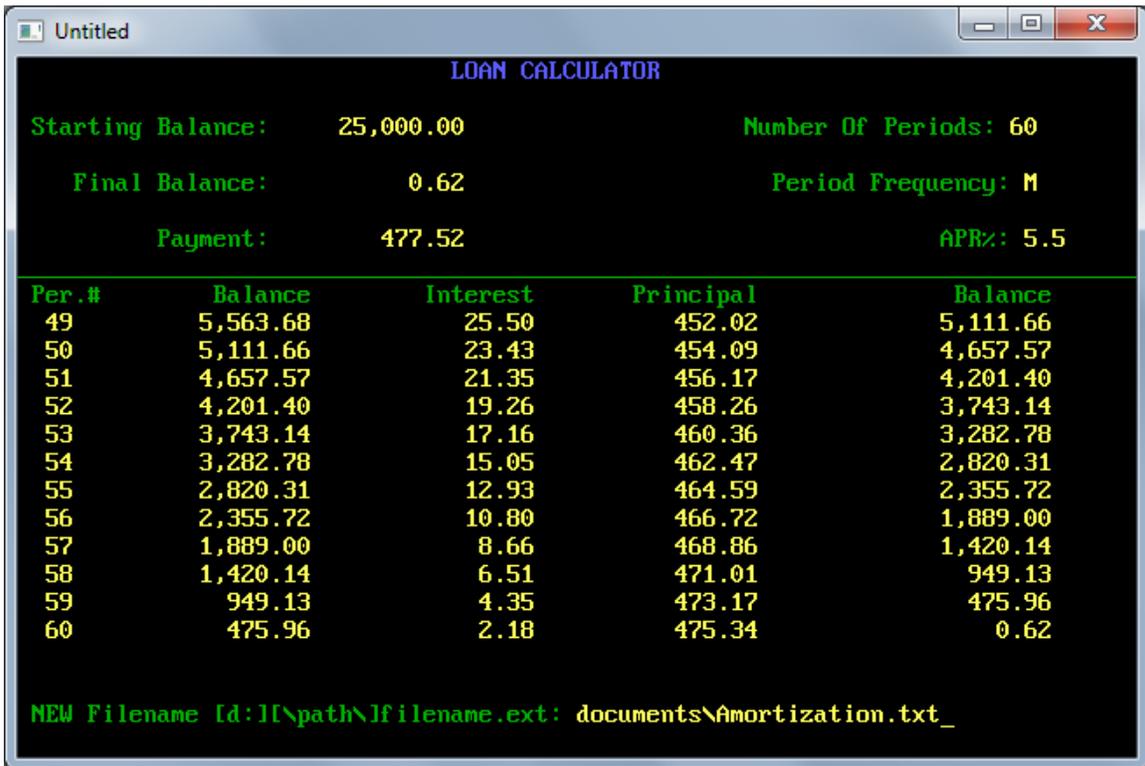
Final Balance: 0.62 Period Frequency: M

Payment: 477.52 APR%: 5.5

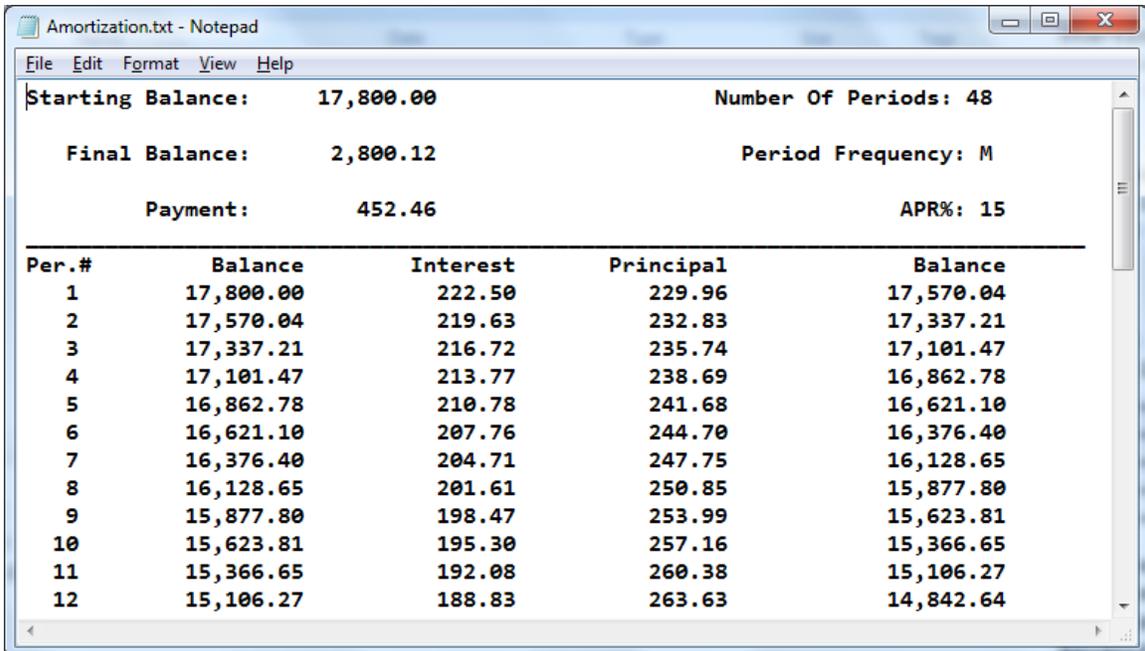
Per.#	Balance	Interest	Principal	Balance
49	5,563.68	25.50	452.02	5,111.66
50	5,111.66	23.43	454.09	4,657.57
51	4,657.57	21.35	456.17	4,201.40
52	4,201.40	19.26	458.26	3,743.14
53	3,743.14	17.16	460.36	3,282.78
54	3,282.78	15.05	462.47	2,820.31
55	2,820.31	12.93	464.59	2,355.72
56	2,355.72	10.80	466.72	1,889.00
57	1,889.00	8.66	468.86	1,420.14
58	1,420.14	6.51	471.01	949.13
59	949.13	4.35	473.17	475.96
60	475.96	2.18	475.34	0.62

Print to <S>creen OR <F>ile, OR <Esc> to Restart

Hitting <Esc> to Go Back from the Last Screen



Printing to a File from the Last Screen



Partial View of the file Amortization.txt (True Type Font is Consolas12 pt for accurate alignment)

```
Untitled
LOAN CALCULATOR
Choose Unknown: Starting Balance-Number of Periods-Final Balance-Payment: <S>
Number of Periods: 60
Period Frequency: Monthly, Quarterly, Semi-Annually, Annually: <M>
Final Balance: 0
Annual Interest Rate(%) - Up to 3-decimals: 5.5
Payment: 477.52
Starting Balance: 24999.55
Print to <S>screen OR <F>file, OR <Esc> to Restart
```

Calculating The Starting Balance

```
Untitled
LOAN CALCULATOR
Choose Unknown: Starting Balance-Number of Periods-Final Balance-Payment: <N>
Starting Balance: 25000
Period Frequency: Monthly, Quarterly, Semi-Annually, Annually: <M>
Final Balance: 0
Annual Interest Rate(%) - Up to 3-decimals: 5.5
Payment: 477.52
Number Of Periods: 60
Print to <S>screen OR <F>file, OR <Esc> to Restart
```

Calculating The Number of Periods

```
Untitled
LOAN CALCULATOR
Choose Unknown: Starting Balance-Number of Periods-Final Balance-Payment: <F>

Starting Balance: 25000

Number of Periods: 60

Period Frequency: Monthly, Quarterly, Semi-Annually, Annually: <M>

Annual Interest Rate(%) - Up to 3-decimals: 5.5

Payment: 477.52

Final Balance: .62

Print to <S>screen OR <F>file, OR <Esc> to Restart
```

Calculating The Final Balance

```
Untitled
LOAN CALCULATOR
Choose Unknown: Starting Balance-Number of Periods-Final Balance-Payment: <P>

Starting Balance: 150000

Number of Periods: 60

Period Frequency: Monthly, Quarterly, Semi-Annually, Annually: <M>

Final Balance: 60000

Annual Interest Rate(%) - Up to 3-decimals: 4.125

Payment: 1868.81

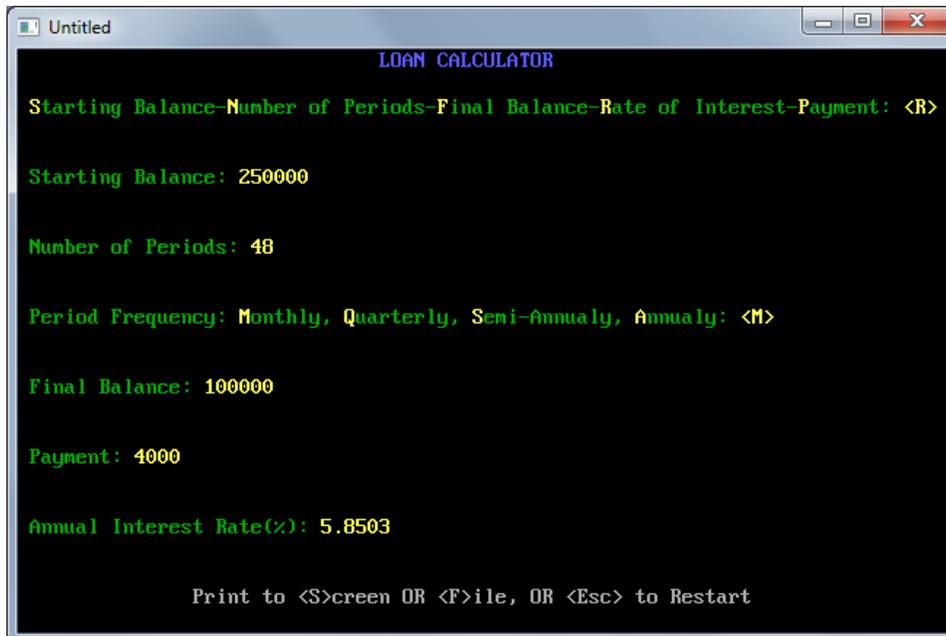
Print to <S>screen OR <F>file, OR <Esc> to Restart
```

Calculating The Payment with a Balloon Final Balance

Loan Calculator, Version 2

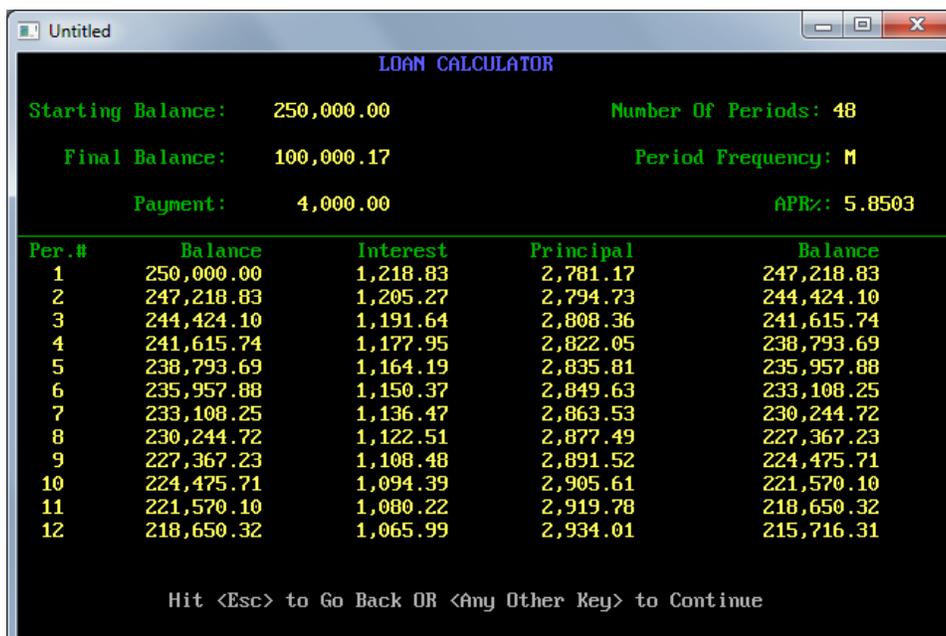
Changes:

- Added ability to compute APR% to 4-decimal precision
- Changed APR% entry from 3-decimal precision to 4-decimal precision
- Added rejection of entries with more than the correct maximum number of decimal places: Two (2) decimal places for Starting Balance, Final Balance, and Payment; Four (4) decimal places for APR%
- Added rejection for calculation that results in a Payment \leq zero



```
Untitled
LOAN CALCULATOR
Starting Balance-Number of Periods-Final Balance-Rate of Interest-Payment: <R>
Starting Balance: 250000
Number of Periods: 48
Period Frequency: Monthly, Quarterly, Semi-Annually, Annually: <M>
Final Balance: 100000
Payment: 4000
Annual Interest Rate(%): 5.8503
Print to <S>screen OR <F>ile, OR <Esc> to Restart
```

Calculating The Annual Interest Rate(%) with 4-decimal precision



```
Untitled
LOAN CALCULATOR
Starting Balance: 250,000.00      Number Of Periods: 48
Final Balance: 100,000.17      Period Frequency: M
Payment: 4,000.00              APR%: 5.8503

Per.#   Balance   Interest   Principal   Balance
1       250,000.00  1,218.83   2,781.17   247,218.83
2       247,218.83  1,205.27   2,794.73   244,424.10
3       244,424.10  1,191.64   2,808.36   241,615.74
4       241,615.74  1,177.95   2,822.05   238,793.69
5       238,793.69  1,164.19   2,835.81   235,957.88
6       235,957.88  1,150.37   2,849.63   233,108.25
7       233,108.25  1,136.47   2,863.53   230,244.72
8       230,244.72  1,122.51   2,877.49   227,367.23
9       227,367.23  1,108.48   2,891.52   224,475.71
10      224,475.71  1,094.39   2,905.61   221,570.10
11      221,570.10  1,080.22   2,919.78   218,650.32
12      218,650.32  1,065.99   2,934.01   215,716.31

Hit <Esc> to Go Back OR <Any Other Key> to Continue
```

Printing to the First Screen