

Class: Comp 170
Programming Assignment 1
Due: Sept 23 at class time

Your assignment is to produce a loan amortization and summary details. An example and details of this type of calculation can be found at [Bret's Amoritization](#).

Program Input:

- Principal
- Annual Interest Rate
- Payments per year
- Number of Payments

Summary Program Output:

- Periodic Interest Rate
- Regular Payment Amount
- Total Repaid
- Total Interest Paid
- Interest as percentage of Principal

Table Program Output:

Payment	Principal	Interest	Cum Prin	Cum Int	Prin Bal
1	67.09	666.67	67.09	666.67	99932.91
2	67.54	666.22	134.63	1332.89	99865.37
3	67.99	665.77	202.62	1998.66	99797.38
4	68.44	665.32	271.06	2663.98	99728.94
5	68.90	664.86	339.96	3328.84	99660.04
6	69.36	664.40	409.32	3993.24	99590.68
7	69.82	663.94	479.14	4657.18	99520.86
8	70.29	663.47	549.43	5320.65	99450.57
9	70.76	663.00	620.19	5983.65	99379.81
10	71.23	662.53	691.42	6646.18	99308.58
11	71.70	662.06	763.12	7308.24	99236.88
12	72.18	661.58	835.30	7969.82	99164.70
...					
357	714.47	19.29	97821.02	164131.30	2178.98
358	719.23	14.53	98540.25	164145.83	1459.75
359	724.03	9.73	99264.28	164155.56	735.72
360	728.86	4.90	99993.14	164160.46	6.86
361	* 6.86	0.05	100000.00	164160.51	0.00