

Navraj Singh 1310194  
Risham Singh 1313527

## CSCI260 – W03 Assignment #5

```
33 public static void main(String[] args)
34 {
35     Queue<Double> queue = new LinkedList<Double>();
36     Scanner input = new Scanner(System.in);
37     System.out.println(x:"Enter Home Value");
38     int homeValue = input.nextInt();
39     System.out.println(x:"Enter Down Payment");
40     int downPayment = input.nextInt();
41     System.out.println(x:"Enter Interest Rate");
42     double interestRate = input.nextDouble();
43     System.out.println(x:"Enter Monthly Principle");
44     int monthlyPrinciple = input.nextInt();
45
46     int newHomeValue = homeValue - downPayment;
47     double interestPayment = interestRate * monthlyPrinciple;
48
49     for(int i=0; i<12; i++)
50     {
51         double monthlyI=(interestRate/12/100)*newHomeValue;
52         monthlyI+=monthlyPrinciple;
53         queue.add(monthlyI);
54         newHomeValue-=monthlyI+monthlyPrinciple;
55     }
56     System.out.println(queue);
57 }
58 }
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS Run: challenge5 + - [ ] [ ] ... ^ x

The default interactive shell is now zsh.  
To update your account to use zsh, please run `chsh -s /bin/zsh`.  
For more details, please visit <https://support.apple.com/kb/HT208050>.  
wifi-64-187-250-198:Assignment 5 navraj\$ /usr/bin/env /Library/Java/JavaVirtualMachines/jdk-19.jdk/Contents/Home/bin/java -XX:+ShowCodeDetailsInExceptionMessages -cp /Users/navraj/Library/Application\ Support/Code/User/workspaceStorage/28375a89894ac282a3d157bacf72f8cf/redhat.java/jdt\_ws/Assignment\ 5\_40a91940/bin challenge5  
Enter Home Value  
900000  
Enter Down Payment  
20000  
Enter Interest Rate  
5  
Enter Monthly Principle  
3000  
[6666.666666666666, 6626.3875, 6586.275, 6546.329166666666, 6506.549999999999, 6466.9375, 6427.491666666667, 6388.208333333334, 6349.0875, 6310.129166666667, 6271.333333333334, 6232.7]  
wifi-64-187-250-198:Assignment 5 navraj\$