

```

11 //Imports
12 import java.util.Scanner;
13
14 //Begin Class SalAvg
15 public class SalAvg {
16
17     //Begin Main Method
18     public static void main(String[] args) {
19
20         //Declarations
21         int salCnt = 0;
22         int howMany;           // New variable
23         double salary = 0;
24         double tot = 0;
25         double salAvg = 0;
26
27         //New Scanner object
28         Scanner sc = new Scanner(System.in);
29
30         /* Prompt user for number of times to run the loop. */
31         System.out.print("How many salaries would you like to enter? ");
32         howMany = sc.nextInt();
33
34         /* Modify While loop to last as long as user entered */
35         //While loop to find average
36         while (salCnt < howMany) {
37             System.out.printf("Enter the salary/hr amount %d: $", salCnt + 1);
38             salary = sc.nextDouble();
39             tot += salary;           //Add entry to running total
40             salCnt += 1;           //Increment the counter
41         }
42
43         //Determine the average
44         salAvg = tot / salCnt;
45
46         //Output the average
47         System.out.printf("The average of the %d salaries is: $%.2f\n", salCnt, salAvg);
48     }
49 } //End Class SalAvg
50

```

Output - AvgSalary (run) X

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run:
How many salaries would you like to enter? 3
Enter the salary/hr amount 1: $22
Enter the salary/hr amount 2: $25
Enter the salary/hr amount 3: $40
The average of the 3 salaries is: $29.00
BUILD SUCCESSFUL (total time: 9 seconds)

```