Assignment 2:

# Write a short Program

* Write a short program that outputs the square values of each integer from 1 to 9 (as shown below)

The square value of 1 is: 1

The square value of 2 is: 4

The square value of 3 is: 9

The square value of 4 is: 16

The square value of 5 is: 25

The square value of 6 is: 36

The square value of 7 is: 49

The square value of 8 is: 64

The square value of 9 is: 81

BUILD SUCCESSFUL (total time: 0 seconds)

* Write a short program that calculates and outputs the average of integers 1, 7, 9 and 34 (as shown below, result must be an integer)

The average is: 12

BUILD SUCCESSFUL (total time: 0 seconds)

# Working with user input (compound interest)

Build an application that calculates the compound interests for user entered amounts.

* You must ask the user to enter the amount he/she desires to deposit
* The amount the user enters must be on the same line as the question (below)
* The next output must recap the deposit amount
* The following line must declare that calculations will be based on a 5% interest rate
* The following 3 lines must display the total after 1, 3 and 5 years
  + The values must all be integers (except the interest rate)
  + An example run for a 100$ deposit should output as follows:

