**Exercise 1: Print the following series using for loop**

* 1. Print numbers from 1 to 100 with increment of 1
  2. Print numbers from 100 to 1 with decrement of 1
  3. Print numbers from 20 to 2 in steps of -2
  4. Print sequence of numbers: 2, 5, 8, 11, 14, 17, 20
  5. Print sequence of numbers: 99, 88, 77, 66, 55, 44, 33, 22, 11, 0

**Exercise 2:** Write a program that reads 10 positive numbers from the keyboard and determines and displays the sum and average of the numbers.

**Exercise 3:** Write a program that reads in five integers from the user and then determines and prints the largest integers in the group. (Hint: use two variables to hold the current largest integer whenever a new number is entered by the user.)

Algorithm:

Input first number, store in n1.

As this is the only number entered, we assume this very variable as largest.

Input 4 numbers in loop.

Each time a number is entered, compare it with current largest number to determine the new candidate for largest number.

Display largest number, once loop is completed.

**Exercise 4:** A person invests $1000.0 in a business yielding 5% profit every year. Assuming that all the profit is left on deposit in the account, calculate and print the amount of money in he account at the end of each year for 10 years.

Sample output

**Year Amount on deposit**

1. 1050.00
2. 1102.50
3. 1157.63
4. 1215.51
5. 1276.28
6. 1340.10
7. 1407.10
8. 1477.46
9. 1551.33
10. 1628.89