# Assignment 1:

**1. Write a program to implement all arithmetic operators. (use input())**

**2. Write a program to find largest of three numbers given by users.**

**3. Display all prime numbers within range given by users.**

**4. Pattern:-**

**(a) 1020506**

**\*\*304**

**(b) 10203010011012**

**\*\*4050809**

**\*\*\*\*607**

**5. Count no. of spaces in a given text. (use split() )**

**Example : “The quick brown fox jumps over the lazy dog”**

**Return 8**

**6. Create a list (list1) that stores number form 1-20. Separate the elements of list1 in to two list (say list2 and list3), one for storing even and other for odd from list1.**

**7. Demonstrate use of dictionary and all its functions which can be operated on dictionary. (i.e. len(),items(),keys(),values() etc…..)**

**8. Print first letter of every word in a string “The quick brown fox jumps over the lazy dog”.**

**9. Check if the string is palindrome or not.**

**10. Make a list of odd numbers in range 1-100. Find the sum of them.**