**Week 2**

**Lab No. 02**

**Conditional Expressions**

**Task 1**: write a program to find greatest of 4 numbers entered by user

**Task 2:** write a python program to find out whether a student is pass or fail. If it requires atleast 40% and 33% in each subjet to pass assume 3 subject and take marks as input from user.

**Task 3:** write a python program to find whether a given username contains less than 10 character or not.

**Task 4:** A spam comment is defined as a test containing following keywords.

“make a lot of money”

“buy now”

“subscribe now”

“click this”

**Task 5:** write a program which findout whether a given name is present in “text” or not

**Task 6:** write a program to calculate the grade of a student from his marks.

**Lists**

**Task 1**: write a program to store seven fruits in a list entered by user

**Task 2:** write a program to accept marks of six students and display them in a sorted manner.

**Task 3:** write a program to change the tuples(test)

**Task 4:**write a python program to count numbers of ”0” in following tuples.a=[1,0,5,7,8,0,5,0]

**Task 5:** Write a program to sum a list of 5 numbers.

**Function**

**Task 1:** Write a python program to greet a user with “good day .

**Task 2:** Write a python program to find greatest of three numbers using function.

**Task 3:** write a program to convert Celsius into Fahrenheit.

**Task 4:** Write a program to print factorial of a number using function.

**Task 5:** Write a program to print multiplication table of numbers using function.