**PYTHON PROGRAMMING (BCC-302)**

**Assignment -2**

1. WAP to find the largest number out of three numbers excepted from user.
2. WAP to check whether a person is eligible for voting or not.
3. WAP to determine the grade of a student based on the percentage entered by user.

CRITERIA –

* Per>90 – grade A
* Per<=90 & Per >80-grade B
* Per<=80 & Per>70 – grade c
* Otherwise print “Need Improvement”
1. WAP to check whether a year is leap year or not.
2. WAP to count the numbers which are divisible by 2 and 3 both where numbers between 10-30.
3. WAP to check whether a number is palindrome or not
4. WAP to calculate sum of square of first n natural numbers using while loop.

Or

WAP to display the sum of 12+22+32+…+n2, where n is given by a user using while loop.

1. WAP to print the keys and values of a dictionary using for loop on given dictionary .

thisdict={

 "a" : 1,

 "b" : 'hello',

 "c" : [2,5.5]

}

1. WAP to count number of vowels within a string.
2. WAP to print the given pattern

A

B B B

C C C C C