

### Assignment -3 (IF Else)

- 1) Write a Python program to find whether the number is odd or even.
- 2) Write a Python program to find the maximum value among three values.
- 3) Write a Python program to check whether number is positive or negative.
- 4) Write a Python program to display a numeric digit in words.
- 5) Write a Python program to test whether a given number is between 1 to 10.
- 6) Write a Python program that accepts an integer (n) and computes the value of  $n+nn+nnn$ .

Input : 5

Output :  $5+55+555=615$

- 7) Write a Python program which will return true if the two given integer values are equal or their sum or difference is 5.

Input : 7    2    3    2    2    2

Output: True    True    True

- 8) Write a Python program to enter any character. If the entered character is in lowercase then convert it into uppercase and if it is an uppercase character, then convert it into lowercase.
- 9) Write a program to determine whether the character entered is a vowel or not.
- 10) Write a python program to calculate roots of a quadratic equation (in all condition of d i.e  $>0, =0$ ).
- 11) Write a python program to find whether a given year is leap year or not.

**%s** - String (or any object with a string representation, like numbers)

**%d** - Integers

**%f** - Floating point numbers

**%.<number of digits>f** - Floating point numbers with a fixed amount of digits to the right of the dot.

**%x/%X** - Integers in hex representation (lowercase/uppercase)