**Day-1 Assignment**

**Question 1:**

Write a python program that takes two numbers as the input such as X and Y and print the result of X^Y (X to the power of Y).

**Code:**

X = int (input ('Enter the value of X: '))

Y = int (input ('Enter the value of Y: '))

Z = X\*\*Y

print (f'X to the power of Y is: {Z}')

**Output:**

Enter the value of X: 5

Enter the value of Y: 2

X to the power of Y is: 25

# Question 2:

Write a Python program to print the numbers in the list which are divisible by 3.

lst = [int(i) for i in range (1,100) if i%3==0]

print(lst)

[3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72, 75, 78, 81, 84, 87, 90, 93, 96, 99]