**DAY-1 Assignments:**

# Question 1 Answer

# 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).

x=int(input("Enter value1: "))

y=int(input("Enter value2: "))

z=x\*\*y

print("x ^ y is =", z)

**# Question 2 Answer**

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

list\_org=[3,5,6,8,9,12,15,17,18,19]

print("Original List = ", list\_org)

list\_div3=[]

for i in list\_org:

if i%3==0:

list\_div3.append(i)

print("Numbers in the list divisible by 3 = ", list\_div3)

**# Question 2 Answer**

**Another way without creating a list**

list\_org=[3,5,6,8,9,12,15,17,18,19]

print("Original List = ", list\_org)

for i in list\_org:

if i%3==0:

print(i)