Assessment

Questions :

1. Write a Python program function that inputs a number and prints the multiplication table of that number

Input = 9

Output =
9 * 1 = 9
9 * 2 = 18
9 * 3 = 27
9 * 4 = 36
9 * 5 = 45
9 * 6 = 54
9 * 7 = 63
9 * 8 = 72
9 * 9 = 81
9 * 10 = 90

2. Write a Python function to find the maximum and minimum of three numbers.

3. Write a function that takes in a list of floats and returns True if the list contains duplicates and False if the list does not contain duplicates

Sample List : [1, 2, 3, 4, 5, 2, 7, 8, 9]

Result : True, Duplicate Number is : 2

4. Write a LAMBDA function that takes in a list of floats and returns True if the list contains duplicates and False if the list does not contain duplicates

Sample List : [1, 2, 3, 4, 5, 10, 7, 8, 10]

Result : True, Duplicate Number is : 10

5. Write a Python program function to create a Simple Calculator with operations (+, -,

*, /, ^)

6. Generate a random list of 10 integers between 1 and 100, then print the minimum and maximum values.

7. Use argument (*args) to get the table of 8:

8 * 0 = 0

8 * 1 = 8

8 * 2 = 16

8 * 3= 24

8 * 4 = 32

8 * 5 = 40

8 * 6 = 48

8 * 7 = 56

8 * 8 = 64

8 * 9 = 72

8 * 10 = 80