LAB- 5 FUNCTIONS

1. Declare a div() function with two parameters. Then call the function and pass two numbers and display their division.

def div(a, b):

    if b == 0:

        return "Division by zero is not allowed."

    else:

        return a / b

result = div(10, 2)

print("The result of the division is:", result)

OUTPUT

The result of the division is: 5.0

1. Declare a square() function with one parameter.Then call the function and pass one number and display the square of that number .

def square(num):

    return num \*\* 2

result = square(5)

print("The square of the number is:", result)

OUTPUT

The square of the number is: 25

1. Using max() and min() functions display the maximum and minimum of 5 random numbers.

import random

random\_numbers = [random.randint(1, 100) for \_ in range(5)]

print("Random numbers:", random\_numbers)

max\_number = max(random\_numbers)

min\_number = min(random\_numbers)

print("Maximum number:", max\_number)

print("Minimum number:", min\_number)

OUTPUT

Random numbers: [36, 4, 34, 93, 86]

Maximum number: 93

Minimum number: 4

1. Accept a name from the user and display that in lower case using lower() function

name = input("Enter your name: ")

print("Name in lowercase:", name.lower())

OUTPUT

Enter your name: Aatif

Name in lowercase: aatif