

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

Answer:

```
def div(a, b):  
    if b == 0:  
        return  
    return a / b  
result = div(20, 2)  
print("The result of the division is:", result)
```

output:

The result of the division is: 10.0

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

Answer:

```
def square(num):  
    return num ** 2  
result = square(10)  
print("The square of the number is:", result)
```

Output:

The square of the number is: 100

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

Answer:

```
import random  
random_numbers = [random.randint(1, 100) for _ in range(5)]  
maximum = max(random_numbers)  
minimum = min(random_numbers)  
print("Random numbers:", random_numbers)  
print("Maximum number:", maximum)  
print("Minimum number:", minimum)
```

Output:

Random numbers: [40, 68, 20, 55, 90]

Maximum number: 90

Minimum number: 20

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

Answer:

```
name = input("Enter your name: ")
```

```
lowercase_name = name.lower()
```

```
print("Your name in lowercase is:", lowercase_name)
```

Output:

Enter your name: Deepak Kumar

Your name in lowercase is: deepak kumar