

```
def div(a, b):  
    return a / b  
num1 = float(input("Enter the first number: "))  
num2 = float(input("Enter the second number: "))  
  
if num2 != 0: # Check for division by zero  
    result = div(num1, num2)  
    print("Division result:", result)  
else:  
    print("Division by zero is not allowed.")
```

↵ Enter the first number: 10
Enter the second number: 5
Division result: 2.0

```
def square(num):  
    return num ** 2  
  
num = float(input("Enter a number: "))  
result = square(num)  
print("Square of the number:", result)
```

↵ Enter a number: 4
Square of the number: 16.0

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

↵ Random numbers: [38, 7, 5, 34, 37]
Maximum number: 38
Minimum number: 5

```
name = input("Enter your name: ")  
print("Name in lowercase:", name.lower())
```

↵ Enter your name: PrIyA
Name in lowercase: priya