**1.TO FIND RANDOM NUMBER BETWEEN 1 AND 10 USING MODULE**

import random

random\_number = random.randint(1, 10)

print("Random Number:", random\_number)

**OUTPUT:**

Random Number: 9

**2.TO FIND DATE AND CURRENT TIME USING MODULE**

import datetime

current\_datetime = datetime.datetime.now()

print("Current Date and Time:", current\_datetime)

**OUTPUT:**

Current Date and Time: 2025-05-23 11:00:07.132602

**3.TO FIND THE SQUARE NUMBER USING MODULE**

import math

number = 25

sqrt = math.sqrt(number)

print("Square Root:", sqrt)

**OUTPUT:**

Square Root: 5.0

**4. TO FIND FACTORIAL NUMBER USING MODULE**

import math

factorial = math.factorial(5)

print("Factorial:", factorial)

**OUTPUT:**

Factorial: 120

**5. TO CONVERT LOWERCASE TO UPPERCASE USING MODULE**

import string

text="hello, world!"

uppercase\_text = text.upper()

print("Uppercase Text:", uppercase\_text)

**OUTPUT:**

Uppercase Text: HELLO, WORLD!

**6.TO GENERATE RANDOM NUMBER BETWEEN 1 TO 10 USING SECRET MODULE**

import secrets

random\_number = secrets.randbelow(10) + 1

print("Cryptographically Secure Random Number:", random\_number)

**OUTPUT:**

Cryptographically Secure Random Number: 8