

## **ASSIGNMENT: Number Guessing Game**

Create a Python program where the computer randomly selects a number and the user tries to guess it.

### **## Problem Statement**

Design a number guessing game where:

- The computer generates a random number between 1 and 10
- The user tries to guess the number
- The program gives hints after each guess:
  - Too high
  - Too low
  - Correct

**#### Use Below Skeleton Code and Finish The Rest**

```
import random

# This generates a random number between 1 and 10
secret_number = random.randint(1, 10)

print("Welcome to the Number Guessing Game!")
print("Guess a number between 1 and 10")

while True:
    guess = int(input("Enter your guess: "))

    # TODO: Compare guess with secret_number
    # TODO: Print appropriate message
```