

## **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
```