

Credit Name: CSE 2110 Procedural Programming 1

Assignment Name: Guessing Game

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

```
//Prompt user for user's guess and record user input
System.out.print("Please enter a number between 1-20: ");
int usernum = input.nextInt();

//Check if secret number is equal to user's guess.

while(true) {
    if (secret == usernum) { //if true, display congratulatory message
        System.out.print("You won!");
        break;
    }

    else { //otherwise, display better luck message
        System.out.print("Please enter a number between 1-20: ");
        int usernum = input.nextInt();
    }
}
```

```
Exception in thread "main" java.lang.Error: Unresolved compilation problem:
Duplicate local variable usernum

    at Mastery.GuessingGame2.main(GuessingGame2.java:47)
```

```
else { //if false,
    System.out.println("WRONG. Try again."); //Display "wrong" message
    System.out.print("Please enter a number between 1-20: "); //Prompt user to re-enter guess
    usernum = input.nextInt(); //overwrite and record user input
}
```

Resolved by removing "int".

Syntax error; declared usernum variable twice.