CS3305 W04 Assignment 3

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Output:

```
Let's test your knowledge of States and their Capitals.
You will be presented with 5 random States and you must try and guess their respective Capital.
Let's begin!
Question 1
What is the capital of Georgia?
Question 2
What is the capital of New Jersey?
Ouestion 3
What is the capital of Colorado?
Question 4
What is the capital of Wisconsin?
Question 5
What is the capital of Vermont?
Correct: 1
Wrong: 4
Process finished with exit code 0
```

Source Code:

```
// Name: Ryan Brinson
// Class: CS 3305 W04
// Term: Spring 2023
// Instructor: Carla McManus
// Assignment: 3 - Part 2 Capitals

import java.util.*;

public class GuessTheCapital {
   public static final int STATE = 0;
   public static final int CAPITAL = 1;
   public static int correct = 0;
   public static int wrong = 0;
```

```
Scanner input = new Scanner(System.in);
       System.out.println("You will be presented with 5 random States and
       System.out.println("Let's begin!");
           System.out.printf("\nQuestion %d\n", i + 1);
           Prompt(input, stateCities);
       System.out.printf("Correct: %d\nWrong: %d", correct, wrong);
   public static void Prompt(Scanner input, String[][] stateCities){
       System.out.print("What is the capital of ");
       tempString = input.nextLine();
       if ((tempString.equals(stateCities[tempNum][CAPITAL]))
(tempString.equals(stateCities[tempNum][CAPITAL].toLowerCase())))
   public static String[][] StringInit(){
```

```
{"Arizona", "Phoenix"},
{"Arkansas", "Little Rock"},
```

```
{"Washington", "Olympia"},
{"West Virginia", "Charleston"},
{"Wisconsin", "Madison"},
{"Wyoming", "Cheyenne"}};
}
```