Credit Name: CSE 3120 Object-Oriented Programming 1

Assignment Name: Exercise 8

Error Log Entry

What error message did you encounter (if any)?

No

What unexpected behavior did your program exhibit?

After user answers correctly, the program stops

What caused the issue? (e.g., syntax error, logic error, incorrect function usage, etc.)

syntax error

Include a screenshot of specific lines of code.

```java
for (int i = 5; i > 0; i-=2)
{
    System.out.print(number.getQues());
    int answer = scanner.nextInt();

    if (answer == 999)
    {
        System.out.println("Your score is: " + score);
        scanner.close();
        return;
    }
    else if (answer == number.getSum())
    {
        score += i;
        correct = true;
        return;
    }
}
```

How did you fix the issue?

I changed the "return" in else if into "break", it means if the user enters the correct answer, it stops asking that question

Provide the corrected code or solution using a screenshot.

```java
for (int i = 5; i > 0; i-=2)
{
    System.out.print(number.getQues());
    int answer = scanner.nextInt();

    if (answer == 999)
```

```java
if (answer == 999)
{
    System.out.println("Your score is: " + score);
    scanner.close();
    return;
}
else if (answer == number.getSum())
{
    score += i;
    correct = true;
    break;
}
}
}
```

What error message did you encounter (if any)?

No

What unexpected behavior did your program exhibit?

Whatever the answer is right or wrong, the program prompts out "Wrong answer ..."

What caused the issue? (e.g., syntax error, logic error, incorrect function usage, etc.)

Incorrect function usage

Include a screenshot of specific lines of code.

```java
while (true)
{
    int num1, num2;
    num1 = rand.nextInt(21);
    num2 = rand.nextInt(21);

    Adder number = new Adder(num1, num2);


    for (int i = 5; i > 0; i-=2)
    {
        System.out.print(number.getQues());
        int answer = scanner.nextInt();

        if (answer == 999)
        {
            System.out.println("Your score is: " + score);
            scanner.close();
            return;
        }
        else if (answer == number.getSum())
        {
            score += i;
            break;
        }
    }
    System.out.println("Wrong answer. Enter another answer: " + number.getSum());
}
```

How did you fix the issue?

I added a boolean to check if the answer is right or wrong, it won't prompt out "Wrong answer ..."

Provide the corrected code or solution using a screenshot.

```java
while (true)
{
    int num1, num2;
    num1 = rand.nextInt(21);
    num2 = rand.nextInt(21);

    Adder number = new Adder(num1, num2);

    boolean correct = false;

    for (int i = 5; i > 0; i-=2)
    {
        System.out.print(number.getQues());
        int answer = scanner.nextInt();

        if (answer == 999)
        {
            System.out.println("Your score is: " + score);
```

```java
            System.out.println("Your score is: " + score);
            scanner.close();
            return;
        }
        else if (answer == number.getSum())
        {
            score += i;
            correct = true;
            break;
        }
    }

    if (correct)
    {
        continue;
    }

    System.out.println("Wrong answer. Enter another answer: " + number.getSum());
}
```