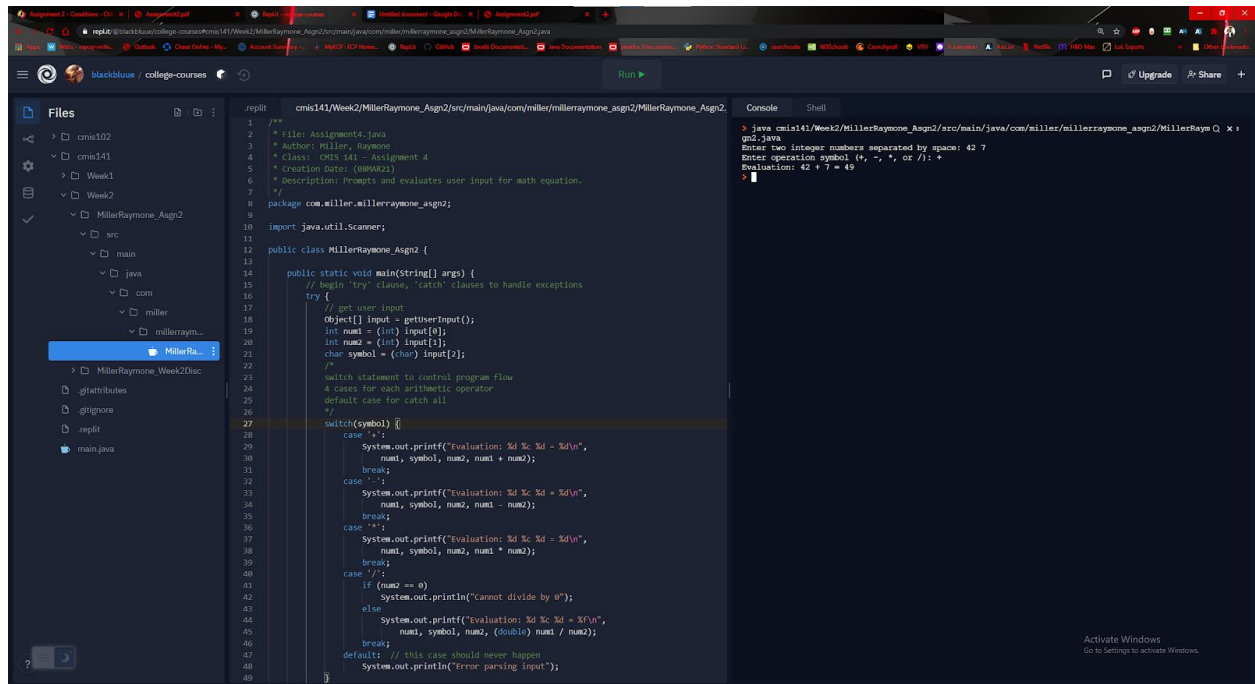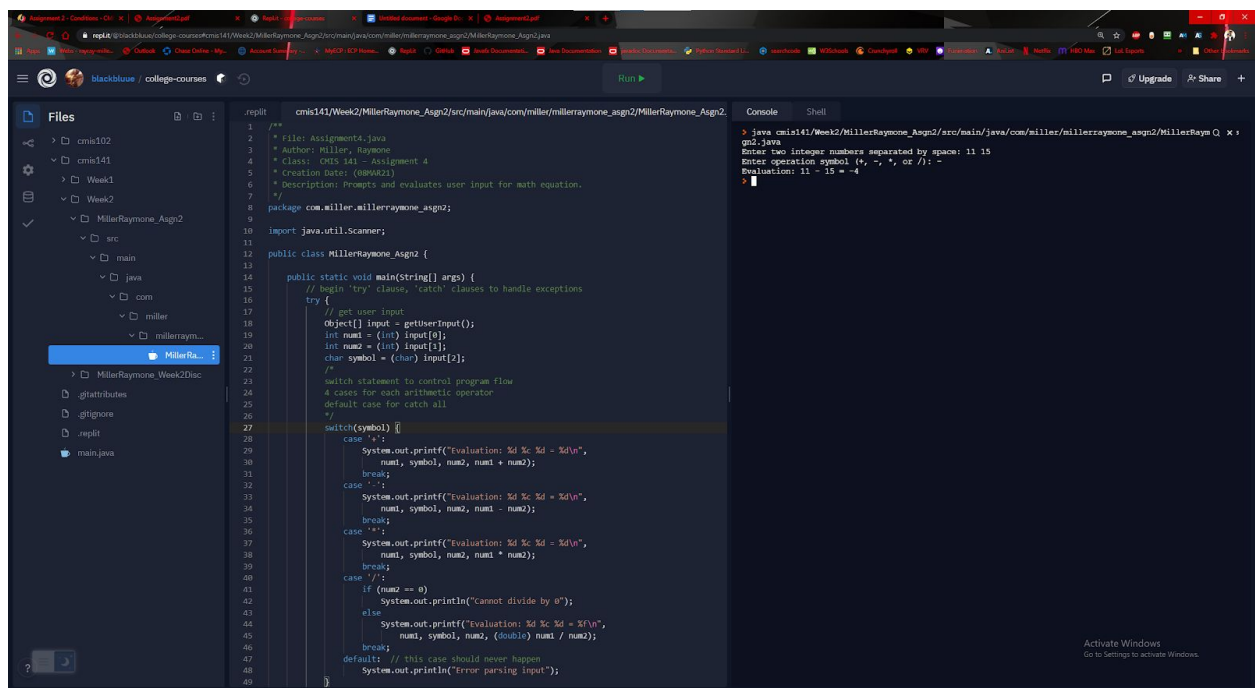| Input	Expected Output	Actual Output	Pass?
number 1 = 5 number 2 = 6 operation = *	Enter two integer numbers separated by space: 5 6 Enter operation symbol (+, -, *, or /): * Evaluation: 5 * 6 = 3	Enter two integer numbers separated by space: 5 6 Enter operation symbol (+, -, *, or /): * Evaluation: 5 * 6 = 3	yes
number 1 = 4 number 2 = 3 operation = /	Enter two integer numbers separated by space: 4 3 Enter operation symbol (+, -, *, or /): / Evaluation: 4 / 3 = 1.333333	Enter two integer numbers separated by space: 4 3 Enter operation symbol (+, -, *, or /): / Evaluation: 4 / 3 = 1.333333	yes
number 1 = 42 number 2 = 7 operation = +	Enter two integer numbers separated by space: 42 7 Enter operation symbol (+, -, *, or /): + Evaluation: 42 + 7 = 49	Enter two integer numbers separated by space: 42 7 Enter operation symbol (+, -, *, or /): + Evaluation: 42 + 7 = 49	yes
number 1 = 11 number 2 = 15 operation = -	Enter two integer numbers separated by space: 11 15 Enter operation symbol (+, -, *, or /): - Evaluation: 11 - 15 = -4	Enter two integer numbers separated by space: 11 15 Enter operation symbol (+, -, *, or /): - Evaluation: 11 - 15 = -4	yes
number 1 = 1 number 2 = 2 operation = %	Enter two integer numbers separated by space: 1 2 Enter operation symbol (+, -, *, or /): % '%' is not a valid operation	Enter two integer numbers separated by space: 1 2 Enter operation symbol (+, -, *, or /): % '%' is not a valid operation	yes

Test Case 1
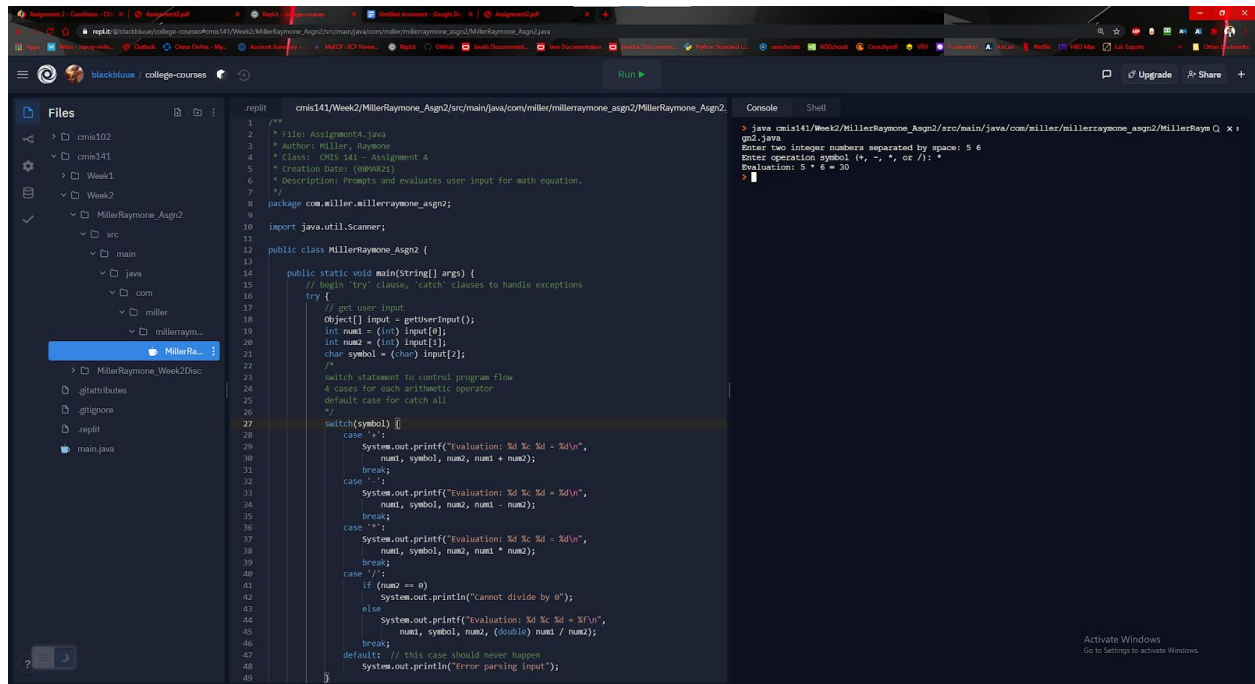
Test Case 2
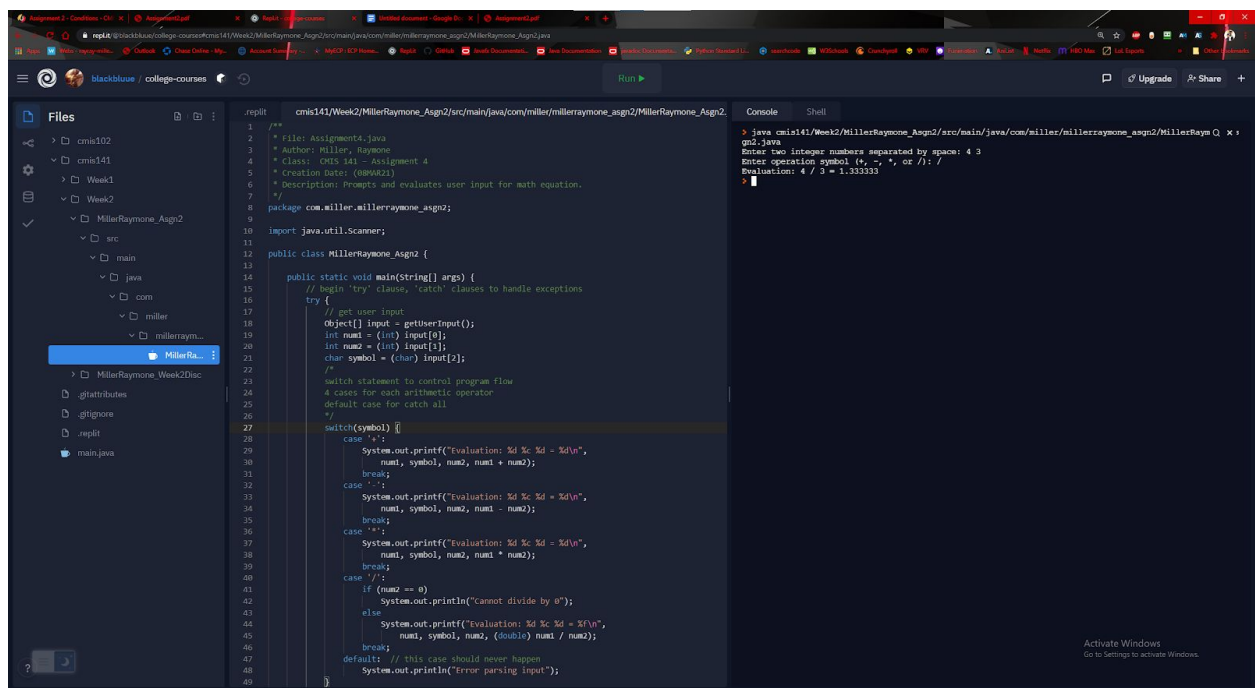
Test Case 3

Test Case 4

Test Case 5

```java
/**
 * File: Assignment4.java
 * Author: Miller, Raymone
 * Class: CMIS 141 — Assigment 4
 * Creation Date: (08MAR21)
 * Description: Prompts and evaluates user input for math equation.
 */
package com.miller.millerraymone_asgn2;

import java.util.Scanner;

public class MillerRaymone_Asgn2 {

    public static void main(String[] args) {
        // begin 'try' clause, 'catch' clauses to handle exceptions
        try {
            // get user input
            Object[] input = getUserInput();
            int num1 = (int) input[0];
            int num2 = (int) input[1];
            char symbol = (char) input[2];
            /*
            switch statement to control program flow
            4 cases for each arithmetic operator
            default case for catch all
            */
            switch(symbol) {
                case '+':
                    System.out.printf("Evaluation: %d %c %d = %d\n",
                        num1, symbol, num2, num1 + num2);
                    break;
                case '-':
                    System.out.printf("Evaluation: %d %c %d = %d\n",
                        num1, symbol, num2, num1 - num2);
                    break;
                case '*':
                    System.out.printf("Evaluation: %d %c %d = %d\n",
                        num1, symbol, num2, num1 * num2);
                    break;
                case '/':
                    if (num2 == 0)
                        System.out.println("Cannot divide by 0");
                    else
                        System.out.printf("Evaluation: %d %c %d = %f\n",
                            num1, symbol, num2, (double) num1 / num2);
                    break;
                default:  // this case should never happen
                    System.out.println("Error parsing input");
            }
        }
```

```
> java cmis141/Week2/MillerRaymone_Asgn2/src/main/java/com/miller/millerraymone_asgn2/MillerRaym  Q  x s
gn2.java
Enter two integer numbers separated by space: 1 2
Enter operation symbol (+, -, *, or /): %
'%' is not a valid operation
>
```

Activate Windows
Go to Settings to activate Windows.