Name: CJ Busca

Date: 21136

Class: IT 230

Module: 2

1. I zipped all files accordingly, I’ll go ahead and paste the source code at the bottom of the page.
2. Graphical user interface

   Description automatically generated
3. I designed this program to make the product look clean. Instead of declaring two variables and adding/multiplying the given integers I simply passed the integers into an array and declared two variables, one for adding the numbers and one for multiplying the numbers. I used the Sum method to add all integers into the result of addition. I used the Aggregate method to multiply all factors into the existing product. The final two lines of the program are the print functions which take the written string and concatenates the variables displaying the result.
4. I learned how to practice clean coding techniques. You could take the Simple Simon route of programming and just add all the integers within the writeline, but to me I seek to challenge myself and think outside of the box. I have experience in C# already, but I want to grow and learn from my experiences as a Software Engineer.

SOURCE CODE:

/\*

\*Assignment: Coding Activity Module 2

\*Class: IT-230

\*Author: CJ Busca

\*Date: 21136

\* Instructor: Dr. Wetsch

\*/

using System;

using System.Linq;

namespace \_2\_2\_coding

{

class Program

{

static void Main(string[] args)

{

//Declaring the array and the integers within

int[] arrNums = new int[] { 13, 55, 123, 325 };

int sum = arrNums.Sum();

int product = arrNums.Aggregate((runningProduct, nextFactor) => runningProduct \* nextFactor);

//Print functions

Console.WriteLine("The sum of 13, 55, 123, and 325 = " + sum);

Console.WriteLine("The product of 13, 55, 123, and 325 = " + product);

}

}

}