Bahria University

Karachi Campus



LAB EXPERIMENT NO.

03

LIST OF TASKS

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| --- | --- |
| **TASK NO** | **OBJECTIVE** |
| 1 | Create basic calculator application on Console Application that perform basic arithmetic operations like(add,subtract,multiply,divide ….) |
| 2 | Create Winform application that authenticate user with hardcoded username and password if user authenticated new form will be open that takes user information as an input and on button click all information will be displayed in dialog box. |
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Submitted On:

**24-03-2023**

(Date: DD/MM/YY)

**Task#1:**

**Solution:**

namespace ConsoleApp14

{

internal class Program

{  
 static void Main(string[] args)

{

Console.WriteLine("Enter the first number:");

double num1 = double.Parse(Console.ReadLine());

Console.WriteLine("Enter the second number:");

double num2 = double.Parse(Console.ReadLine());

Console.WriteLine("Enter the operation \n (1) a for addition(+)\n (2) b for subtraction(-) \n (3) c for multiplication(\*)\n (4) d for division(/)\n ");

string op = Console.ReadLine();

double result;

switch (op)

{

case "a":

result = num1 + num2;

break;

case "b":

result = num1 - num2;

break;

case "c":

result = num1 \* num2;

break;

case "d":

result = num1 / num2;

break;

default:

Console.WriteLine("Invalid operation.");

}

return;

Console.WriteLine("Results are : " + result);

}

}

}

**Output:**



