**C#-Assignment 1**

1.Write a Simple console Application Calculator with the help of Visual Studio .NET IDE which will perform following operations on two numbers:

1. Addition.
2. Subtraction.
3. Multiplication.
4. Division

Accept input from user and display results on console. Make use of loops, switch case wherever required**.**

**Program:**

using System;

class Program

{

//Addition,Subtraction,Multiplication,Division//

static void Main(string[] args)

{

Console.WriteLine("Enter the action to be performed");

Console.WriteLine("Press 1 for Addition");

Console.WriteLine("Press 2 for Subtraction");

Console.WriteLine("Press 3 for Multiplication");

Console.WriteLine("Press 4 for Division \n");

int action = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Enter 1st input");

int input\_1 = Convert.ToInt32(Console.ReadLine());

Console.WriteLine("Enter 2nd input");

int input\_2 = Convert.ToInt32(Console.ReadLine());

int result = 0;

switch (action)

{

case 1:

{

result = Addition(input\_1, input\_2);

break;

}

case 2:

{

result = Subtraction(input\_1, input\_2);

break;

}

case 3:

{

result = Multiplication(input\_1, input\_2);

break;

}

case 4:

{

result = Division(input\_1, input\_2);

break;

}

default:

Console.WriteLine("Wrong action!! try again");

break;

}

Console.WriteLine("The result is {0}", result);

Console.ReadKey();

}

//Addition//

public static int Addition(int input\_1, int input\_2)

{

int result = input\_1 + input\_2;

return result;

}

//Substraction//

public static int Subtraction(int input\_1, int input\_2)

{

int result = input\_1 + input\_2;

return result;

}

//Multiplication //

public static int Multiplication(int input\_1, int input\_2)

{

int result = input\_1 + input\_2;

return result;

}

//Division//

public static int Division(int input\_1, int input\_2)

{

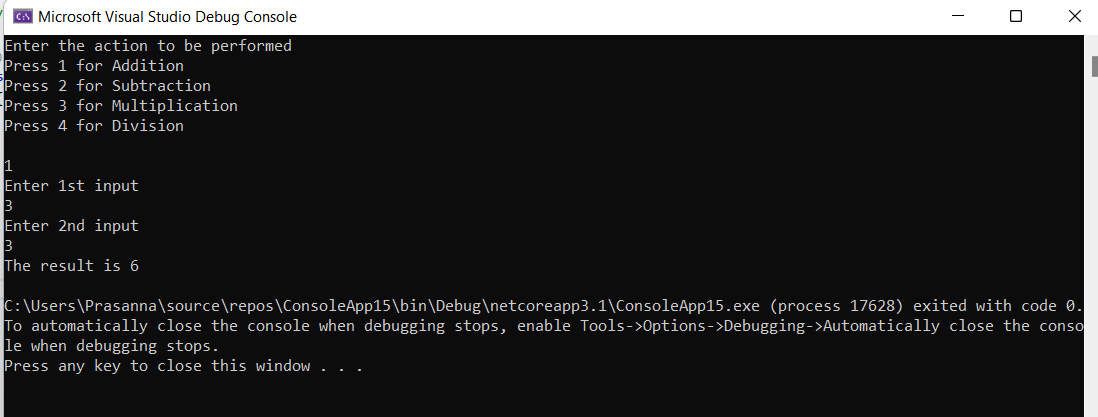
int result = input\_1 + input\_2;

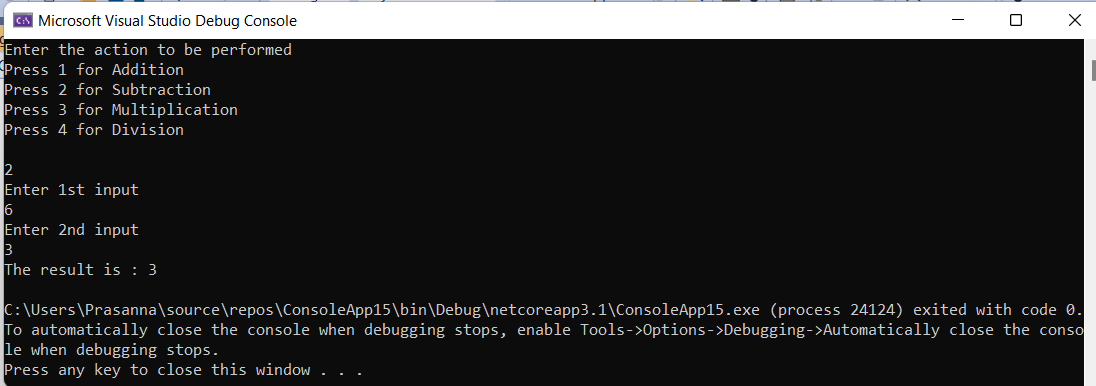
return result;

}

}

**Output:**

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