**C# DEBUGGING**

**Time:12.00PM to 1:00PM**

**20.04.2022**

**Note:**

a. Highlight the lines with errors

b. Execute the code and paste the screenshot of the result after the program

c. Use Summary and Comments

1.

using System;

public class Arrays

{

public static void main()

{

int i,j;

int[] arr1 = new int[3,3];

Console.Write("\n\nRead a 2D array of size 3x3 and print the matrix :\n");

Console.Write("-----------------------------------------\n");

/\* Stored values into the array\*/

Console.Write("Input elements in the matrix :\n")

for(i=0;i<2;i++)

{

for(j=0;j<2;j++)

{

console.Write("element - [{0}] : ",i,j);

arr1[i][j] = Convert.ToInt32(Console.ReadLine());

}

}

Console.Write("\nThe matrix is : \n");

for(i;i<3;i++)

{

Console.Write("\n");

for(j=0;j<3;j++)

Console.Write("{0}\t",arr1[i,j]);

}

Console.Write("\n\n")

}

}

2.

using system;

SwapExample

   {

     public static void Main()

      {

       int  a, b;

       Console.WriteLine("Before swap a= "+a+" b= "+b);

       a=a\*b;

       a=a/b;

       a=a/b;

       Console.Write("After swap a= "+b+" b= "+a);

     }

3.

using System;

public class LoginExample

{

public void Main()

{

string username, password;

int ctr = 0;

console.Write("\n\nCheck username and password :\n");

Console.Write("N.B. : Default user name and password is :abcd and 1234\n");

Console.Write("---------------------------------------\n");

do

{

Console.Write("Input a username: ");

username = Console.ReadLine();

Console.Write("Input a password: ");

password = Console.ReadLine();

if(username != "abcd" || password != "1234")

ctr++;

else

ctr=1;

}

while((username != "abcd" || password != "1234") && (ctr != 3))

if (ctr == 3)

Console.Write("\nLogin attemp three or more times. Try later!\n\n");

else

Console.Write("\nThe password entered successfully!\n\n");

}

}