|  |  |
| --- | --- |
|  | **BAHRIA UNIVERSITY,**  **(Karachi Campus)**  *Department of Software Engineering*  **ASSIGNMENT#02 – Fall 2020** |

Course Title: **Computer Programming** Course Code: **CSC-113**

Class: **BSE – 1(B)** Deadline: **09-Nov-2020**

Course Instructor: **Engr. M. Adnan Ur Rehman** Max. Points: **20 Points**

**Instructions:**

* All question should be answered in the same file using black font color.
* Upload your solution only on LMS.

|  |  |
| --- | --- |
| **STUDENT INFORMATION** | |
| **Enrolment#** | **Student Name** |
| 02-131202-081 | M MUAZ SHAHZAD |

**Question-1:**

Write a program that can take an integer from user within a range. User must be warned if the input is invalid with respect to the supposed integer range. You must not use any logical operator.

Depending upon the wrong input your program must show ONE of the following warning messages:

* Your input must be greater than or equal to L.
* Your input must be lesser than or equal to H.

Where,

L is the lower bound integer value

H is the upper bound integer value

**Sample Output if the range is 1 to 100**

**Run-1:**

Enter any integer = **-13**

Error: Your input must be greater than or equal to 1

**Run-2:**

Enter any integer = **150**

User inputs

Error: Your input must be lesser than or equal to 100

**Run-3:**

Enter any integer = **55**

Your input is valid!

**Solution:**namespace Cp\_range\_assignment

{

class Program

{

static void Main(string[] args)

{

int a;

Console.Write("\t\tEnter Any Integer : ");

a = Convert.ToInt32(Console.ReadLine());

if (a >= 10)

{

if (a <= 50)

{

Console.WriteLine("\n\t\t====================");

Console.WriteLine("\t\tYour Input Is Valid ");

Console.WriteLine("\t\t====================");

}

else

{

Console.WriteLine("\n\t\t=============================================");

Console.WriteLine("\t\tYour Input Must Be Lesser Than Or Equal To 50");

Console.WriteLine("\t\t=============================================");

}

}

else

{

Console.WriteLine("\n\t\t==============================================");

Console.WriteLine("\t\tYour Input Must Be Greater Than Or Equal To 10");

Console.WriteLine("\t\t==============================================");

}

}

}

}

**Output:**