DEVELOPMENT SOFTWARE 4

ASSIGNMENT

NAME :YONELA

SURNAME : BHUDUZA

STUDENT NUMBER :217300502

MODULE : DEVELOPMENT SOFTWARE

DUE DATE : 30 APRIL 2021

JAVA

```
import java.util.Scanner;

public class Rectangle {
   float length,width,area,perimrter;

   static float input_language(){
      System.out.println("Enter length of rectangle :");
      Scanner scan = new Scanner (System.in);
      length = scan.nextFloat();
      return Length;
   }

   static float input_width(){
      System.out.println("Enter width of rectngle :");
      Scanner scan = new Scanner (System.in);
      width = scan.nextFloat();
      return width;
   }

   static floa calc(float area,perimeter){
      if perimetter = 2*(length + width);
      area = length + width
      }return area;
      else {
       return perimeter;
   }
```

```
    public static void main(String[] args) {
        float = input_length();
        float = input_width();
        float  = calc(perimeter);
        float = calc(area);
        System.out.println("Area of a rectangle is" + area +" unit ");
        System.out.println("perimeter of a rectangle is" + perimeter + " units");
    }
}
```

C#

```
using system;

namespace ConsoleApp
{
public class Rectangle
 {
   static float input_length()
    {
      Console.WrittenLine("Enter length of rectangle :");
      float lenght = Console.ReadLine();
      return length;
    }
```

```
    static float input_width()
    {
        Console.WrittenLine("Enter width of rectangle :");
        float width = Convert(Console.ReadLine());
        return width;
    }
    static String calc(area,perimeter)
    {
        if perimeter = 2*(length + width){
            return perimeter;
        }
        else {
            area = length * width;
            return width
        }

    }

static void main(String[] args)
{
        float =  input_length();
        float = input_width();
        float = input_perimter();
        float = input_area();
        Console.WrittenLine("You enter" + length+ width " and said that
perimeter is" + area+perimeter");
```

```
            Console.WrittenLine("The value of the perimeter is" + perimeter+
");
          }
         }
        }
```

PYTHON

```
          def input_length():
   length = input("Enter the length of retangle :")
   return length

def input_width():
   width = float(input("Enter the width of rectangle :"))
   return width

def input_area():
   area = input("Enter your area in" + unit +" : ");
   return area

def calc (area,perimeter):
   if(area)= 2*(length + width):
     return "area"
   else:
      return "perimeter"
```

```
if_ rectangle_ =='_main_':
   length = input_length()
   width = input_float()
   area = input_area()
   perimeter = parity(parimeter)
   print("You enter",area,"and said  that its name is"+ units+ ")
   print("The value of that area is" + units + ")"
   print("You rnter",perimeter,and said that its name is"+units")
   print("the value of that parimeter is"+unit + ")
```