Task 1: Running Python sculp and various expression in an interactive interfreter key Terms covered: Introduction to Euthon, commands, schift. tommands, schill. transfort. Help him grocenes, and trans Port. NO 9 M. . Please (applie (" creter Boar The overen of paper relate ATM: TO WHILE a Python Angram that calculates the total aroun spent by karan on books, groceries, and transport. tweet consider as 90 to the Algorithm: 1 start the property some 2200 6608 was 13 6009 2. Accept the amount spent on bodies, graceries, and transfo 3. On culate the total expenses by summing all three amounts we pisplay the in amount spent. Enter your height in meters :1-15 5. End the Program. sumple output. × Python Program: # hostam to calculate total excluses of Karan # Stell :- Assign extenses books = 150 grocenes = 220 transfort = 90 # Stel &: (91 (u)ate total total - extense = books + groceries + transfort # Stels: Oistly the result Pant (" total expenses incurred by karan: 2", total_expen See see Result: Hence the Python Program that conculate this is sucossfully influt and outflut.

1.2 white a BMI calculator. Ask the user for weight 1 kg) and height (m), then calculate and distay their BMI.

2419001 DED MEIRZA -119912 # AIN: To write a Python Programing that calculated and displays the body mase Index (BMI) of a Person using their weight (in kilogram) and height (in meters). semi- (Elimeter

Algorithm:

2. Prompt the user to Input their weight in kilograms

3. frompt the user to simple their height in meters.

u concurate BMI using the formula. Third (" le poin) brutight = 25 sprofil on 90 poins of ") brief

5. Distlay the calculate BMI

6. Find the Program. (60,00000 860000 010 20,000)

m28 = 0 962 mod = d 962 00 K= 3 9812

51 (2+4+0) = 2

Sample outlete

The area of the otherste is: 11.62 square (m.

RESULTS. Hence the Putton Prostam that calculates to sucesfully influt and addlut display is called

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who sucked by the safet times of
    Python Program:
                        SHOW SHOW WAS SOUTH STREET,
  # BMI COLCUPATO
                                            HO2 , Charrens
   # 901 12- het Inflot from the user
                                      NOT 5 11192 POWER
    weight = froat (Influt (" Ender your weight in kiloghams : "))
   height = float (Input (" Ender your weeks height in meters !")
                           margan notiff to show of
   # stel 2: Calculate BMT
     bmi = weight / (height * * 2)
   * Stel 3: Disflay result
    PMM (" your Body mes Index (BMI) is: ", round (bm; 2))
sample Input:
                    के का (पायह में दिला) हमें का उपाया
    Enter your weight in Kilongframs: 70
    Exter your height in meters: 1.75
                                      in End te Program.
    sample output
                                         smorpor notty
    your body mass studen (BMI) is: 22.86
                                2921181x9 118122A -= 19912 $
                                          off = 9200d
                                         CAR = 29NOOVE
                                         OP = + YOUZOOH
                                10fot 96010110 : 8 90 #
               HORRAUTH + 29HODOVET 22000 - DEPOLICE - IDEA
                              theor out volvio : 8 9912 1
that I' money extenses incurred by lowers is a color colorate)
                                            things of annual
  The stole to took makery north;
           inite and outliet.
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Python Program: There math them will the state of them the state of them to the state of them to the state of them to the state of the sta a=8 side lengths # Step 1:- Assign side lengths 028 The Rody may 21der (RMI) of a Resen 24des weight (in kilogram) and kilgists in mean C=u # Stella: conculate semi-lemmeter S= (9+6+C) /2 short the Program, # stel 3: AMY Acron's formula area = math. 974 (s-a)* (s-a)* (s-b)* (s-c) # Stelu: Dislay result Heisw = Ina Print ("The area of the triangle is = " round (area, 2)," sque sample Input: Ima akongo at wild ind the hoston (values are already assigned) side a = 8cm side b=6 cm Side c = KCm Sample outlet The area of the othergle is: 11.62 square (m. ente file litten frestom that contrales whiled successfully infute and outlint 20 PATE

1.3 Lasa wants to carculate the area of a scalence thought with sides of length 8 cm, 6 cm, and 4 cm, their her write a Python Program that completes the area using theoris formula.

AIM: To write a Python Program to find the area of a thangle when the lengths of all thress sides are given, using theron's formula.

Algorithms. (orse sone press oce 1) for

1. Start the Program ("s' is short out") with

2. Accept or assist the lengths of the three sides: a, b and C

3. calculate the serni-ferimeter. (62) shorts of ")

2=0+6+0

k. use Heron's formula to calculate the avea.

Area = 15(s-a) (s-b) (s-c)

5. oisligy the area of the thiangle.

6. And the Program.

Enter - the Score: 601

The Grade is D

VEL TECH - CSE	
EX NO.	1
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	6
RECORD (5)	
TOTAL (20)	
SIGN WITH DATE	15

Result: Hence the Puthon Program to find the area of a thion sie is called successfully is influt and outlind.