sample anput:

BOOKS = 7150

garderies = 7220

Transport = 791

Sample out:

Total Expensed incurred by Karan: 2460

Running python Script and various expressions in an interactive enterpreter key Terms covered

Spent I 150 on books, I 220 groceries and I 90 ontransport. Helphim calculate the total exceptises.

5 31/18 2 01/11/20 20

to print the print

ores: Silahajawan I dan Wood sudi To write a python porogonam that total number amount spent by karan on books groceries and transport.

Algorithm:

- 1) Start the Program
- 2) Accept the amount spent on books, groceries and transport
- summing all three omount 3) Calculate the total expenses by
- 4) Display the total amount spent.
- 5) End the parogram.

Pologoam!

panagaramto calculate total expenses of Karan

step 1: Assign expenses

booles = 150

groceries = 220

Fransport= 90

step2: calculatetotal

total- eschense = books + groceries + transport

steps: Display theresult

points ("Total expense incurred by Karan: I", total - expense)

Thus total amountspent by kasian on books,
gao cerces, and transport are proved Result:

6/8/25 12 sample @nput Enter your eight in Kilogram: 70 h Enter your height an meter : 1.75
Complement -Aim Sample out a word set of tolusion or inglish may rector th Your body mas Index [BMI] is: 22.86 cin To write a python perogeram that total number and Al pykaran on books groceries and fransport. 1) 5 . White is about 2) 3) 7 1) start the program o) Accept the amount spent on books, gracering and transport 4) (samming all three amount Calculate the total expenses by 1) Display the total amount spent. a (s) End-the program. 6) respensi # programme calculate total expenses of karan Par # Steb 1: HES Bu Exboure # # box/cs = 150 m Successions foursport do total- properse = books + graceries + transport 1 stops: Colour of otal #5 Light of Charles incurred by Favor 7, total exercises Ages total amountspent ty rasion on books, March 1 poron and transmit our proposed

0 8 2 2 2 2 3 3 3 3 3

height (m), then calculate and display their BMI

Aim:

To write a python program that calculates and displays the Body Marstnder (BMI) of a person using their weight (in kilograms) and height (in meters).

Algorithm.

- 1) Start the program
- 2) Prompt the user to input their weight in kilograms.
- 3) Prompt the user to input their heigh in meter
- 4) Calculate BMI using the formula!

- 5) Display the calculated BMI
- 6) End the program.

Parogeram:

#BMI Calculator

Step1: Get input fromthe user

weight = float Cinput C'Enter your weight in kilogonams:"))
height = float Cinput C'Enter your height in meters:")).

stop2: Calculate BMI

bm: = weight (height * *2)

step3: Display result

Perint (Your Body Mass Index (BMI) is", round (bmi, 2))

Result:

Thus the Body man Indu of a person
using their weight (eg) & weight (m) are proved

to the said of the Sample Input 5: de a=8cm si de bz61m Side C= 4 cm+ HIPTOURY BUT CHEMINE OF CHEMINE THE THE CHEMINE Sample output The area of the triangle is: 11.62 Square an smore being the surrent their out of the inking when it is not that the service the services about a serious status of a solution 105 310 + MS to has the content of the and the same of the same explained the states bet into thought user Circusted prof. Elect City of the Brown and Brown in Albania. The expect took tenter that is necessary Carlo Marianta Carlo Commence of the second second Harris Marie Control int (2000 Feely Mars Inder 1877) 13, sound Chairsy and they work and the state of a present Primary in Control Control of Con

no taya wants to calculate the area of Brosene willy ngle with sides of Length Bem, bim, enduem Helpher byride a python paregular that computer theorem using their is Formula

To write a python penogenam to find the and of Aim! triangle when the lengths of all three sides ove given, using Heron's formula.

Algorithm:

- 1) Start the priogram
- 2) Accept 600) assign the Lengths of the three sides in his
- 3) Calculate the semi-perimeter

4) Use Heron's formula to Calculate the area)

- 5) Display the area tof the triangle
- 6) End the parogram.

Python program:

import math

Step 1: Assign side Lengths

0=8

bib

Step 2: Calculate semi-perimeter

a = (a+b+c)/2

THE WATE # Steps; Apply Heron's formula

area = math - sart (5* (5-a) * (5-b) * (5-c))

#Step4) Display nesult

points the area of the triangle is , - sound come ?

X NO.

PERFORMANCE (5)

VIVA VOCE (3)

RECORD (4) TOTAL (15)

RESULT AND ANALYSIS (3)

Result: Threatheorea of triongle when the Length to Hadd HURS FORMULE