Python Program:

# Program to calculate total expenses of Karan

# Step I: Assign expenses

books = 150

groceries = 220

transport = 90

# Step 2: Calculate total

total\_expense = books + groceries + transport

# Step 3: Display the result

print ("Total expenses incurred by Karon: =" total\_expense)

Sample Input!

(Values one already assigned in the program - no manual input requie)

Books = \$150

Groceries = \$220

Transport = 390

Sample Output

Total expenses incurred by karan: ₹460

Running Python script and vasious expressions in an interactive interpreter key terms Covered: Introduction to puthon, commands, script. reser of more from the warr

1.7 Kavan spent 2750 on books, 2220 on groceries, and 290 on transport. Help him calculate the total expenses.

Aim : To write a Python program that calculates the total amount spent by Karan on books, groceries, and Huzer molasia : Egels to transport. Algorithm = " (Email) is (Email) is (Email) is about about most in the

Start the program

Accept the amount spent on books, processes & transport Calculate the total expenses by summing all three amounts.

shight elamos

Display the total amount spent.

End the programme what seems when the

Result: Thus, the amount spent by karran on backs, grocers and transport are proved.

Bython Program: armed ped reterpreton suffereting no # BIMI Calculator . Jarros sharmans mostly of # Step 1: Get input from the user Weight = Float (input Enter your weight in Kilograms: ")) height = Float (input ("Enter your height in meters:")) # Step2: Calculate BMI bmi = weight / (height + # 2) ## Step 3: Display result

Print ("Your Body Mass Inden (BMI) is:", round (bmi, 2)) Friendert all. Int. Sample Input! Enter your weight in kilograms: 70 Enter your height in meters: 1.75 trage theorem label soft maly is Your Body Mass Index (BMI) is : 175 and a stand one compat pol transper transper out the the hovers ere hogernert ha

Write a BMI calculation. Ask the users for weight (kg) and height (m), then calculate and display their BMI.

Aim: To write a Python program that calculates and displays the Body Mass Index (BMI) of a person using their weight (in kilograms) and height (in meters).

## Algorithm'

2 Prompt the uses to input their weight in kilograms.

phonones shoved phys Capota the

3 Prompt the usen to input their height in meters.

4 Calculate BMI using the tormula:

BMI = weight?

5 Display the calculated BMI.

6. End the program.

itesult: Thus, the body mass index of a person using their weight (kg) and height (m) are proved.

Pothon Program: import match deladas and their hos (ed) # Step 1: Assign side lengths. has be 6 more of more of mother of inch mic = 40 to (Met while each phost she endach # Step 2: Calculate semi-perimeter S = (a+b+c)/2 # Step3: Apply Heron's formula area = match. sprt (s+(s-a) + (s-b) + (s-c)) # Step 4! Display result print "The area of the triangle is:", round (area, 2), "square on" Sample input lument of me interested to (Malues are already assigned) Sides a = 8 cm Sides b = Gem IMET betalustes est unbesite morpers sat by Sides C = 4cm Sample Output The onea of the triangle is: 11.62 square cm accessed to the websit assoring pland with read in the sent it is Lovery we (m) thing to bone (ex) thisse rist

Laya wants to calculate the onea of a scalence triangle with sides of length 8cm, 6cm and 4cm. Help her write a Bython program that computes the assea using Heron's Formula

Aim: To write a Bython program to find the onea of a triangle when the lengths of all three Sides one given, using Heron's Formula.

## Algorithm

1. Start the program

2. Accept or assign the lengths of the three sides! a, b & C

3. Calculate the semi-perimeter.

4. Use Heron's Formula to calculate the onea.

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

5. Display the onea of the triangle.

G. End the program.

VELTECH - COE H	
EX NO.	1
PERFORMANCE (5)	5
RESULT AND ANALYSIS (3)	3
VIVA VOCE (3)	3
RECORD (4)	4
TOTAL (15)	15
SIGN WITH DATE	22
A A A	118

Result Thus, the Jonea of toriangle when the lengths of all three sides are proved by