Program:

# program to calculate total expenses of karan

# step 1: Assign expenses

books = 150

groceries = 220

transport = 90

#Istep 2: calculate total

total - expense = books + groceries + transport

# step 3: Display the result

Print ("Total expenses incurred by karan; = "total"

expense)

Sput .

Books = 7150 Groceria = 7220

Transport = = 90

output:

total eschences incurred by karan. = 460

TASKNIO: J.J Date: 06/08/25

Aim: To write a python program that calculates the total amount spent by kovian on Books, groceries and transport Alparithm:

and the second of the

Algorithm

1. Start the program

2. Accept the amount spent on books, groceries and transport

3. calculate the total expenses by summing all three amounts.

4- Display the total amount spent.

s End the program.

The program was successfully executed and the total amount spent by karan was calculated and displayed as Result :-

# BMI calculator

# step 1: Get input from the user.

neight = float (input ("enter your weight in willograms."))

neight = float (input ("Enter your height in meters:"))

#1 step 2 : calculate BMD

bmi = weight (Cheight \*\*2)

# step 8 : Display result.

Print ("your Body mass Index (BMI) is: " round (Bmiz))

mput:

enter your weight in kilograms: 70 enter your height in meters 11.75

output :-

your Body mass Index (BMI) is: 22:86

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Task 110:-1.2 Date:00/08/25

d'isplan the pode display the Body mass Index (BMI) of a person using their weight (in kilograms) and height (in meters).

alson begans

## Algorithm.

- i) stout the program.
- a) Prompt the user to input their weight in kilograms

resmile Enorsit

- 3) prompt the user to input their height in meters."
  4) calculate the BMI using the formula:

BMI = Weight height2

5) Display the calculated BMI

6) end the program.

Result :-

the program was successfully executed on the total mass andex of a person was calculated and displayed

```
Program:

emport math

the step 1: Assign Side lengths

b=6

C=9

the step 2: calculate semi-Perimeter.

b= (atbtc)/2

the step 3: Apply theron's formula.

anea = math. sq rt (s+(s-a)+(s-b)+(s-c))

anea = math. sq rt (s+(s-a)+(s-b)+(s-c))

another insplay result

print ("The anea of the trangle is:; round (anea; 2),

isquare cmit)
```

## Input:

side c= 4cm

output :

The are of the triangle Ps: 11.62 sq cm

Task ND: 1.3 Date: 00/08/85

Aim: To write python program to find the one a of triangle when the length of all three sides one given, using therein's formula.

Algorithm :

e) start the program.

- 2) Accept or assign the lengths of the three sides in, bac.
- 3) calculate the semi-perimeter

5 = a-1 b-10

a) use neron's - formulat to calculate the acea:

- s) Display the asea of the triangle.
- 6) tind the Program.

EX NO.	1
PERFORMANCE (5)	-
RESULT AND ANALYSIS (3)	3
/IVA VOCE (3)	3
RECORD (4)	y
OTAL (15)	D'
IGN WITH DATE	

Peruit: The Program was socisfully executed & the area of the triangle using Heron's formula was calculated and displayed as expected