**#9 Write a Python code that accepts Original Price and Net Price of the products and calculates the GST% To calculate the GST%, we will apply the GST% formula which is given below: GST amount = Net price - Original price GST% formula = ((GST Amount 100)/Original price)**

Company\_name=input("Enter the Company Name:")

Original\_price=int(input("Enter the Amount:"))

Net\_price=int(input("Enter the Amount:"))

GST\_price=Original\_price-Net\_price

GST\_percentage=((GST\_price\*100)/Original\_price)

print("\*"\*70)

print("Company name is",Company\_name)

print("-"\*70)

print("Original price",Original\_price)

print("-"\*70)

print("Netprice",int(Net\_price))

print("-"\*70)

print("GST price",GST\_price)

print("-"\*70)

print("GST percentage",GST\_percentage)

print("\*"\*70)

**Output:**

Enter the Company Name:Market Trend

Enter the Amount:1000

Enter the Amount:400

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Company name is Market Trend

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Original price 1000

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Netprice 400

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GST price 600

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GST percentage 60.0

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**#10 WAPP TO ENTER THE NAME,WEIGHT IN KG,HEIGHT IN METERS AND CALCULATE THE BMI OF A PERSON BMI=KG/METER^2**

Name=input("Enter your name:")

Weight=float(input("Enter your weight in Kg:"))

Height=float(input("Enter your Height in Meters:"))

BMI=Weight/Height\*\*2

print("Name is",Name)

print("Weight is", Weight)

print("Height is",Height)

print("BMI is",int(BMI))

**Output:**

Enter your name:sarika

Enter your weight in Kg:75

Enter your Height in Meters:1.64

Name is sarika

Weight is 75.0

Height is 1.64

BMI is 27

**#11 WAPP TO ENTER THREE NUMBER AND DISPLAY LARGER ONE.**

N1=int(input("Enter Number 1:"))

N2=int(input("Enter Number 2:"))

N3=int(input("Enter Number 3:"))

if N1>N2 and N1>N3:

Max=N1

elif N2>N3:

Max=N2

else:

Max=N3

print("Maximum is",Max)

**Output**:

Enter Number 1:10

Enter Number 2:25

Enter Number 3:65

Maximum is 65

Enter Number 1:100

Enter Number 2:54

Enter Number 3:55

Maximum is 100

Enter Number 1:5

Enter Number 2:102

Enter Number 3:11

Maximum is 102

**#11 WAPP THAT READS TWO NUMBERS AND AN ARITHMETIC OPERATORS AND DISPLAYS THE RESULTS**

N1=int(input("Number 1 :"))

N2=int(input("Number 2 :"))

OP=input("Enter an Operator:")

if OP=='+':

RES=N1+N2

elif OP=='-':

RES=N1-N2

elif OP=='\*':

RES=N1\*N2

elif OP=='//':

RES=N1//N2

elif OP=='/':

RES=N1/N2

print(N1,OP,N2,"=",RES)

**Output:**

Number 1 :50

Number 2 :25

Enter an Operator:+

50 + 25 = 75

Number 1 :50

Number 2 :25

Enter an Operator:-

50 - 25 = 25

Number 1 :50

Number 2 :25

Enter an Operator:\*

50 \* 25 = 1250

Number 1 :50

Number 2 :25

Enter an Operator://

50 // 25 = 2

Number 1 :50

Number 2 :25

Enter an Operator:/

50 / 25 = 2.0

**12 WAPP TO PERFORM THE FOLLOWING TASK ACCORDING TO QUESTIONS BELOW**

**#(i)AREA OF CIRCLE (ii) AREA OF RECTANGLE**

**#(iii)CIRCUMFERRENCE OF CIRCLE (iv) AREA OF SQUARE**

print("(i)AREA OF CIRCLE")

print("(ii) AREA OF RECTANGLE")

print("(iii)CIRCUMFERRENCE OF CIRCLE")

print("(iv) AREA OF SQUARE")

CH=int(input("Enter your Choice(Enter 0 to exit):"))

if CH==(1):

r=int(input("Enter the Radius:"))

a=3.14\*r\*\*2

print("Area of Circle",a)

elif CH==(2):

l=int(input("Enter the Length:"))

b=int(input("Enter the Breadth:"))

a=l\*b

print("Area of Rectangle:")

elif CH==(3):

r=int(input("Enter the Radius:"))

c=2\*(int(3.14\*r))

print("Circumference of the circle:",c)

elif CH==(4):

l=int(input("Enter the side of a square"))

a=l\*l

print("Area of Square:",a)

**Output:**

(i)AREA OF CIRCLE

(ii) AREA OF RECTANGLE

(iii)CIRCUMFERRENCE OF CIRCLE

(iv) AREA OF SQUARE

Enter your Choice:1

Enter the Radius:4

Area of Circle: 50

(i)AREA OF CIRCLE

(ii) AREA OF RECTANGLE

(iii)CIRCUMFERRENCE OF CIRCLE

(iv) AREA OF SQUARE

Enter your Choice:2

Enter the Length:10

Enter the Breadth:5

Area of Rectangle: 50

(i)AREA OF CIRCLE

(ii) AREA OF RECTANGLE

(iii)CIRCUMFERRENCE OF CIRCLE

(iv) AREA OF SQUARE

Enter your Choic:3

Enter the Radius:5

Circumference of the circle: 30

(i)AREA OF CIRCLE

(ii) AREA OF RECTANGLE

(iii)CIRCUMFERRENCE OF CIRCLE

(iv) AREA OF SQUARE

Enter your Choice:4

Enter the side of a square:8

Area of Square: 64

**#13 WAPP TO ACCEPT A CHARACTER FROM THE USER AND DISPLAY WHETHER IT IS VOVEL OR CONSONANTS**

CH=input("Enter a Character:")

if (CH=='a'or CH=='A'):

print(CH,"is a Vovel")

elif (CH=='e' or CH=='E'):

print(CH,"is a Vovel")

elif (CH=='i'or CH=='E'):

print(CH,"is a Vovel")

elif (CH=='o'or CH=='O'):

print(CH,"is a Vovel")

elif (CH=='u' or CH=='U'):

print(CH,"is a Vovel")

else:

print(CH,"is a Constant")

**Output:**

Enter a Character:a

a is a Vovel

Enter a Character:E

E is a Vovel

Enter a Character:u

u is a Vovel

Enter a Character:Z

Z is a Constant