PROGRAM 1

INPUT

#printing name

Print("vaishnavi kulkarni")

OUTPUT :-

vaishnavi kulkarni

PROGRAM 2

INPUT

#printing college details

Print("CMR university is a reputed college. It is been there since 25 years, it has many
courses like BTECH,BBA,MBA,LLB etc.Im studying in SOET which is a part of
university.It is in baglur, it has a very good infrastructure and environment.")

OUTPUT:

CMR university is a reputed college. It is been there since 25 years, it has many
courses like BTECH,BBA,MBA,LLB etc.Im studying in SOET which is a part of car
university.It is in baglur, it has a very good infrastructure and environment.

PROGRAM 3 :

INPUT:

#addition of numbers

a = 10

print("the value of a is :")

print(a)

b = 20

print("the value of b is :")

print(b)

c = 30

print("the value of c is :")

print(c)

sum = a+b+c

print("sum = ")

print(sum)

OUTPUT:

the value of a is

10

the value of b is

20

the value of c is

30

sum =

60

PROGRAM 4:

INPUT:

substraction of numbers :

a = 30

b = 20

sub = a-b

print("the substracted value is ")

print(sub)

OUTPUT:

the substracted value is

10

PROGRAM 5:

INPUT:

#multiplication of numbers :

a= 20

b=30

mul = a*b

print("multiplied value is")

print(mul)

OUTPUT:

multiplied value is

600

PROGRAM 6:

INPUT:

#division of numbers

a=100

b=50

div = a/b

print("division result is ")

print(div)

OUTPUT:

division result is

2

PROGRAM 7 :

INPUT:

mathematical operation

x = int(input("enter any number"))

y = int(input("enter another number"))

print(x,"+',y,"=",x+y)

print(x,"-',y,"=",x-y)

print(x,"*',y,"=",x*y)

print(x,"/",y,"=",x/y)

print(x,"%",y,"=",x%y)

print(x,"//",y,"=",x//y)

print(x,"**",y,"=",x**y)

OUTPUT:

enter any number: 2

enter another number : 3

2+3 = 5

2-3 =-1

2*3 = 6

2/3 =0.6666

2%3 = 2

2//3 = 0

2**3 = 8

PROGRAM 8:

INPUT :

#compare two numbers

x = int(input("enter any number"))

y = int(input("enter another number "))

if x >y:

       print("x is greater than y ")

else:

       print("x is less than y")

OUTPUT:

1)enter any number 25

enter another 12

x is greater than y

2)enter any number 11

enter another 44

x is less than y

PROGRAM 9 :

INPUT:

#find a grade by entering marks

a = int(input("enter your marks "))

if a>85:

  print("distinction")

elif a>60:

  print("first class")

elif a>50:

  print("second class")

else:

  print("fail")

OUTPUT:

enter your marks 90

distinction

enter your marks 62

first class

enter your marks 55

second class

enter your marks 30

fail

PROGRAM 10:

INPUT:

```
#while loop
i =1
while i<=10:
    print(i)
    i=i+1
```

OUTPUT:

1

2

3

4

5

6

7

8

9

10