VISHAKHA (PYTHON ANSWERS)

1. Arthematic operation :

Addition x=6

Y=4

Print (x+y)

Subtraction x=6

Y=4

print(x-y)

multiplication x=6

y=4

print(x\*y)

division x=6

y=4

print(x/y)

1. Logical operations:

A=true

B=false

Print(a and b)

Print(a or b)

Print(not a)

3.assignment operations:

A=10

B=A

Print (B)

B+=A

Print(B)

B-=A

Print(B)

B\*=A

Print(B)

1. Print(“enter the integer number to check even or odd”)

X=int(input())

If(x%2==0):

Print(“ the input number is even:”)

else:

Print(“the input number is odd:)

1. Year=2024

If(year%4)==0:

If(year%100)==0:

If(year%400)==0:

Print(“year is the leap year”)

else:

print(“year is not a leap year”)

1. my\_list=[‘a’,’e’,’I’,’o’,’u’]

Print(my\_list[o]) output ‘a’

Print(my\_list[-1] output: ‘u’

Print(my\_list[1:4]) output:[‘e’,’I’,’o’]

odd=[1,3,7]

odd.append(7)

print(odd) output: [1,3,5,7]

even=[2,4,6]

even.extend([10,12])

print(even) output:[2,4,6,10,12]

del my\_list[2] output: [‘a’,’e’,’o’,’u’]

1. while loop :

x=0

while(x<4):

print(x)

x=x+1

for:

x=0

while(x<4)

print x

x=x+1

for x in range(2,7):

print(x)