Fa23-bse-136 section c

Shayaan shahid

ict lab task python

Qno1

A screenshot of a computer

Description automatically generatedtotal\_sum=0

for i in range(10):

value=int(input("enter the num:\n"))

total\_sum += value

print("total sum ",total\_sum)

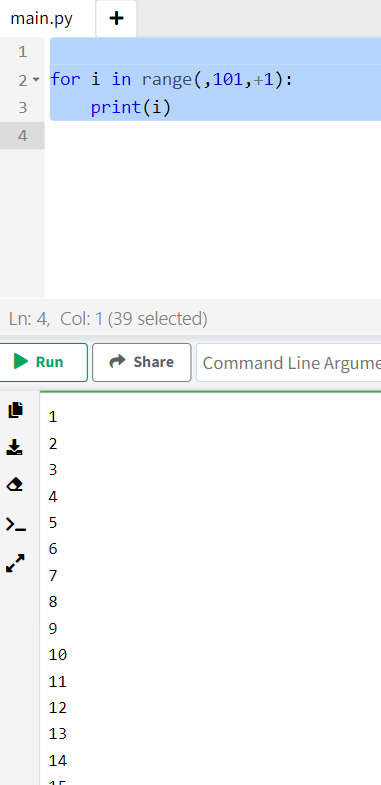
average = total\_sum/10

print("average :",average)

Qno2

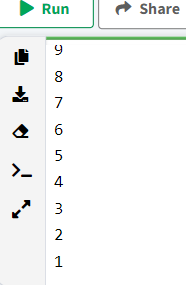
for i in range(,101,+1):

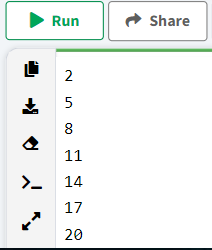
print(i)



Qno3

for i in range(101,0,-1):

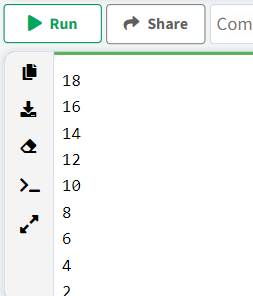
print(i)



Qno4

for i in range(20,2,-2):

print(i)



Qno5

for i in range(2,23,+3):

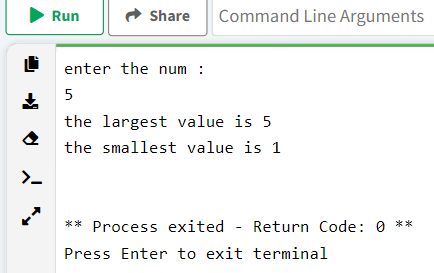
Qno6

print(i)

for i in range(99,-11,-11):

print(i)

Qno7

largest=-99999

smallest=9999999

for i in range(5):

value=int(input("enter the num :"))

if value > largest:

largest=value

if value < smallest:

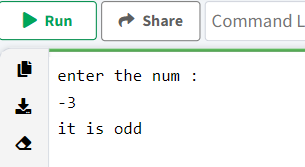
smallest=value

print("the largest value is",largest )

A screenshot of a computer

Description automatically generatedprint("the smallest value is",smallest)

Qno8

value=int(input("enter the num :"))

mod=value%2

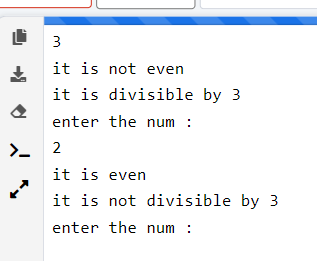
if mod==0:

print("it is even")

else:

print("it is odd")

Qno9

for i in range(10):

value=int(input("enter the num :"))

mod=value%2

div=value%3

if mod==0:

print("it is even")

else:

print("it is not even")

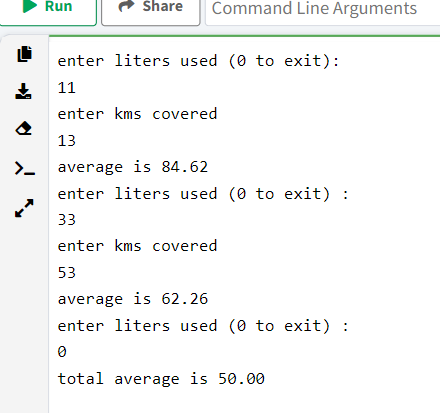
if div==0:

print("it is divisible by 3")

else:

print("it is not divisible by 3")

Qno10



total\_petrol=0

total\_distance=0

liters=float(input("enter liters used (0 to exit):"))

while liters>0:

if liters==0:

break

if liters>0:

kms=float(input("enter kms covered"))

average=100\*liters/kms

print("average is",format(average,".2f"))

liters=float(input("enter liters used (0 to exit) :"))

total\_petrol=total\_petrol+liters

total\_distance=total\_distance+kms

total\_average=0

total\_average=100\*total\_petrol/total\_distance

print("total average is",format(total\_average,".2f"))

Qno11

sum=0

x=2

while x>=2 and x<=30:

mod=x%2

if mod==0:

sum=sum+x

x+=1

print("total sum of nums :",sum)

Qno12

product=1

x=3

while x>=3 and x<=19:

mod=x%2

if mod!=0:

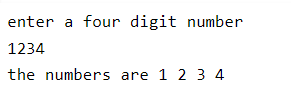
product=product\*x

x+=1

print("total product of nums :",product)

Qno13

num=int(input("enter a four digit number"))

digit1=int(num/1000)

x=num/100

digit2=int(x%10)

y=num/10

digit3=int(y%10)

digit4=int(num%10)

print(f"the numbers are {digit1} {digit2} {digit3} {digit4} ")

Qno14

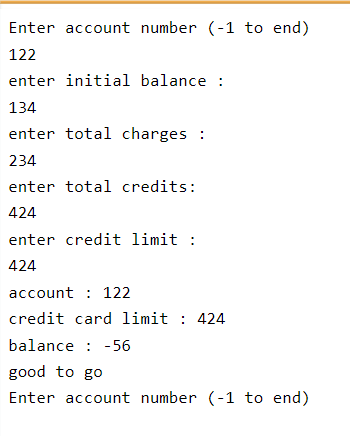
account=int(input("Enter account number (-1 to end)"))

while True:

if account==-1:

break

else:

 initial=int(input("enter initial balance :"))

total\_charge=int(input("enter total charges :"))

credits=int(input("enter total credits: "))

limit=int(input("enter credit limit :"))

current=initial+total\_charge-credits

print("account :",account)

print("credit card limit :",limit)

print("balance :",current)

if current>limit:

print("limit exceeded")

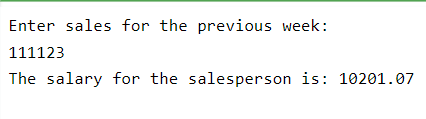
else:

print("good to go")

account=int(input("Enter account number (-1 to end)"))

Qno15

basic\_salary=200

rate=0.09

sales=float(input("Enter sales for the previous week: "))

commission =sales\*rate

total\_salary=basic\_salary+commission

print("The salary for the salesperson is:",format(total\_salary,".2f"))