#1.Print the list of numbers which are divisible by 5 and multiple of 8 between 2000 and 2500

“””l=[]

For i in range(2000,2500):

If (i%5==0) and (i%8==0):

X=l.append(i)

Print(l)”””

#2Write a Python program to create the table (from 1 to 10) of a number getting input from the user

“””n=int(input(“enter number:”))

For i in range(0,11):

Ans=n\*i

Print(i,”\*”,n, “=”,ans)”””

#5. Python program to print odd numbers & even numbers separately in al list of [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

“””l=[1,2,3,4,5,6,7,8,9,10]

A=[]

B=[]

For i in l:

If i%2==0:

X =a.append(i)

Elif i%2==1:

X=b.append(i)

Print(a)

Print(b)

# 7Program to print all odd numbers from 1-50

A=int(input(“enter value:”))

B=[]

For i in range(0,a+1):

If i%2==1:

X=b.append(i)

Print(b)”””

#6.Program for Reversing a list

‘’’

A=[1,2,3,4,5,6,7]

Print(a[::-1])

#3. Sort the list in ascending order and print first element

L=[1,4,6,2,8,5]

l.sort()

print(l)

print(l [0] )

#4.Python program to find second largest number in a list

A=int(input(“enter number:”))

L=[]

For i in range(a):

l.sort()

l.append(i)

print()

#8.Program to count Even and odd numbers in a list

N=int(input(“enter number:”))

A=[]

B=[]

For i in range(0,n+1):

If i%2==0:

X=a.append(i)

Even\_count=len(a)

Elif i%2==1:

Y=b.append(i)

Odd\_count=len(b)nd(i)

Print(even\_count)

Print(odd\_count)

#10Write a Python program that matches a string that has an ‘a’ followed by anything, ending s

Import re

Input=input(“enter string”)

Matching=re.match(‘a+[A-Za-z]+s’,(input))

If matching:

Print(“matches”)

Else:

Print(“not match”)

#9 Write a python program to remove zeros from an IP address(“216.08.094.196”)

Import re

N=(“216.08.094.196”)

A=re.sub(‘\.[0]\*’,’,’,n)

Print(a)

#11 Replace all occurences of 6 with ‘six’ and 10 with ‘ten’ for the given string ‘

# They ate 6 apples and 10 banana’

N=(“They ate 6 banana and 10 apple”)

A=n.replace(“6”,”six”)

B=a.replace(“10”,”ten”)

Print(b)

#12.Write a program to check whether a person is eligible for voting or not. (accept age from user)

N=int(input(“enter age:”))

If n>=18:

Print(“person is eligible for vote”)

Else:

Print(“person is not eligible for vote”)

#13Write a program to calculate the electricity bill (accept number of unit from user) according to the following criteria :

# Unit Price

#First 100 units no charge

#Next 100 units Rs 5 per unit

#After 200 units Rs 10 per unit

#(For example if input unit is 350 than total bill amount is Rs2000)

A=int(input(“enter no of units:”))

If a<=100 and a>=0:

Print(“current bill is zero “)

Elif a>100 and a<5:

B=100\*5

Print(“current bill is “,b,” rupees”)

Elif a>=200:

C=200\*10

Print(“current bill is “,c,”rupees”)

Else:

Print(“invaild”)

#14.Write a program to accept percentage from the user and display the grade according to the following criteria:

# Marks Grade

# > 90 A

# > 80 and <= 90 B

# >= 60 and <= 80 C

#below 60

A=int(input(“enter marks:”))

If a> 90 :

Print(“ grade A”)

Elif a> 80 and a<= 90 :

Print(“ grade B”)

Elif a>= 60 and a<= 80:

Print(“ grade C”)

Else:

Print(“grade D”)’’’