Write a program which will find factors of given number and find whether the

factor is even or odd

x = int(input("Enter any number \n"))

print("The factors of",x,"are:")

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

if x % i == 0:

if i % 2 == 0:

print(i," Even")

else:

print(i," Odd")

Write a code which accepts a sequence of words as input and prints the words in a

sequence after sorting them alphabetically

1. n=input("enter the string: ")
2. l=n.split('-')
3. l.sort()
4. print('-'.join(l))

Write a program, whichwill find all the numbers between 1000 and 3000 (both

included) such that each digit of a number is an even number. The numbers

obtained should be printed in a comma separated sequence on a single line

|  |
| --- |
| ans=[] |
|  |  |
|  | for num in range(1000, 3001): |
|  |  |
|  | num\_str = str(num) |
|  | is\_ok = True |
|  |  |
|  | for char in num\_str: |
|  | if int(char) % 2: |
|  | is\_ok = False |
|  | break |
|  | if is\_ok: |
|  | ans.append(str(num)) |
|  |  |
|  | print (",".join(ans)) |

Write a program that accepts a sentence and calculate the number of letters and

digits

.

s = input("Input a string")

d=l=0

for c in s:

if c.isdigit():

d=d+1

elif c.isalpha():

l=l+1

else:

pass

print("Letters", l)

print("Digits", d)

num=int(input("Enter a number:"))

Design a code which will find the given number is Palindrome number or notp=n

Num=int(input(“enter a number :”))

Temp=num

Rev=0

While(num > 0):

Dig=num%10

Rev=rev\*10+dig

Num=num//10

If(temp====rev):

Print(“the number is palindrome”)

Else

Print(“Not a palindrome”)

numum

num=int(input("Enter a number:"))

temp=num=int(input("Enter a number:"))

temp=num

rev=0

while(num>0):

    dig=num%10

    rev=rev\*10+dig

    num=num//10

if(temp==rev):

    print("The number is palindrome!")

else:

    print("Not a palindrome!")

num

rev=0

while(num>0):

dig=num%10

rev=rev\*10+dig

num=num//10

if(temp==rev):

print("The number is palindrome!")

else:

print("Not a palindrome!")rev=0

while(num>0):

    dig=num%10

    rev=rev\*10+dig

    num=num//10

if(temp==rev):

    print("The number is palindrome!")

else:

    print("Not a palindrome!")