1. Write a python script to check whether a given number is positive or non-positive

x=(int(input("Please enter no for check no is +ve or negative")))

if x>=0:

print("entered no",x,"is positive")

else:

print("entered no",x,"in negative")

2. Write a python script to check whether a given number is divisible by 5 or not ?

x=(int(input("please enter a no to check it divisible by 5 or not")))

y=x%5

if y==0:

print("entered no is divisible by five")

else:

print("entered no is not divisible by five")

3. Write a python script to check whether a given number is even or odd

x=(int(input("please enter no to check wheather no even or odd")))

y=x%2

if y==0:

print("enter no is even")

else:

print("enter no is odd")

4. Write a python script to print greater between two numbers. Print number only once even if the numbers are the same.

a=(int(input("please enter value of a")))

b=(int(input("please enter value of b")))

if a>b:

print("a number",a,"is greater")

elif b>a:

print("b number",b,"is greater")

else:

print("entered no is same")

5. Write a python script to print two given words in dictionary order

a=input("please enter string a")

b=input("please enter string b")

x=sorted(a)

y=sorted(b)

print(x)

print(y)

6. Write a python script to check whether a given number is a three digit number or not.

x=input("please enter a three digit no")

i=3

j=len(x)

if j==3:

print("enter no is three digit no")

else:

print("enter no in not a three digit no")

7. Write a python script to check whether a given number is positive, negative or zero.

x=int(input("enter a no"))

if x>0:

print("entered no is positive")

elif x<0:

print("enter no is negative")

else:

print("enter no is zero number")

8. Write a python script to check whether a given quadratic equation has two real & distinct roots, real & equal roots or imaginary roots

9. Write a python script to check whether a given year is a leap year or not.

x=(int(input("enter a year to check leap yr or not")))

y=x%4

if y==0:

print("entered year is leap year")

else:

print("entered year not a leap year")

10. Write a python script to print greater among three numbers. Print number only once even if the numbers are the same

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

b=int(input("enter b"))

c=int(input("enter c"))

x=max(a,b,c)

print("greater no is:-",x)

if a==b:

print("a and b two same value enter")

if b==c:

print("b and c two same value entered")

if c==a:

print("a and c two same value entered")

11. Write a python script to take the month value in numeric format and display the number of days in it.