1. WAP to find the larget of any two numbers.

a=int(input("Enter A: "))

b=int(input("Enter B: "))

if a>b:

g=a

else:

g=b

print("Greater = ",g)

1. WAP to find the largest of any two numbers using ternary operators

a=int(input("Enter A: "))

b=int(input("Enter B: "))

c= a if a>b else b

print("Greater = ",c)

1. WAP to enter your age and check if you are eligible for voting

# input age

age = int(input("Enter Age : "))

# condition to check voting eligibility

if age>=18:

status="Eligible"

else:

status="Not Eligible"

print("You are ",status," for Vote.")

1. WAP to find the largest of any theree numbers using nested if else.

# input three integer numbers

a=int(input("Enter A: "))

b=int(input("Enter B: "))

c=int(input("Enter C: "))

# conditions to find largest

if a>b:

if a>c:

g=a

else:

g=c

else:

if b>c:

g=b

else:

g=c

# print the largest number

print("Greater = ",g)

1. WAP to Input same amount and calculate discount based on the amount and given discount rate in Python.

The discount rates are:

Amount Discount

0-5000 5%

5000-15000 12%

15000-25000 20%

above 25000 30%

# input sale amount

amt = int(input("Enter Sale Amount: "))

# checking conditions and calculating discount

if(amt>0):

if amt<=5000:

disc = amt\*0.05

elif amt<=15000:

disc=amt\*0.12

elif amt<=25000:

disc=0.2 \* amt

else:

disc=0.3 \* amt

print("Discount : ",disc)

print("Net Pay : ",amt-disc)

else:

print("Invalid Amount")

1. WAP to enter your age and check your eligibility using ternary operator.

# input age

age = int(input("Enter Age :"))

# condition

status = "Eligible" if age>=18 else "Not Eligible"

# print message

print("You are",status,"for Vote.")

1. WAP to design a simple calculator.

# menus

print("Calculator")

print("1.Add")

print("2.Substract")

print("3.Multiply")

print("4.Divide")

# input choice

ch=int(input("Enter Choice(1-4): "))

if ch==1:

a=int(input("Enter A:"))

b=int(input("Enter B:"))

c=a+b

print("Sum = ",c)

elif ch==2:

a=int(input("Enter A:"))

b=int(input("Enter B:"))

c=a-b

print("Difference = ",c)

elif ch==3:

a=int(input("Enter A:"))

b=int(input("Enter B:"))

c=a\*b

print("Product = ",c)

elif ch==4:

a=int(input("Enter A:"))

b=int(input("Enter B:"))

c=a/b

print("Quotient = ",c)

else:

print("Invalid Choice")

1. WAP to check odd/even

num = int(input("Enter a number: "))

if (num % 2) == 0:

   print("{0} is Even number".format(num))

else:

   print("{0} is Odd number".format(num))

1. WAP to check positive,negative or zero of entered numbers

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

if num > 0:

 print("{0} is a positive number".format(num))

elif num == 0:

   print("{0} is zero".format(num))

else:

   print("{0} is negative number".format(num))

1. WAP to check leap year

year = int(input("Enter a year: "))

if (year % 4) == 0:

   if (year % 100) == 0:

       if (year % 400) == 0:

           print("{0} is a leap year".format(year))

       else:

           print("{0} is not a leap year".format(year))

   else:

       print("{0} is a leap year".format(year))

else:

   print("{0} is not a leap year".format(year))