**Questions on Decision Making Statements**

(1)Find whether given number is Positive /Negative/Zero

**INPUT:**

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

if(num>0):

print("Positive number")

elif(num<0):

print("Negative number")

else:

print("Zero")

**OUTPUT:**

Enter a number: 5

Positive number

>>>

(2) Read a character from the user. change into upper/lower

**INPUT:**

a=input("Enter the name:")

print(a.upper())

print(a.lower())

**OUTPUT:**

Enter the name:Richard

RICHARD

richard

>>>

(3) Total salary with Bonus calculation and print salary , bonus and total amount

Salary Bonus

>10000 10%

<10000 12%

**INPUT:**

Salary=int(input("Enter Salary amount:"))

if(Salary>10000):

bonus=0.10\*Salary

print("Your bonus value is",bonus)

else:

bonus=0.12\*Salary

print("Your bonus value is",bonus)

Total=bonus+Salary

print("\n Total Salary with bonus is",Total)

**OUTPUT:**

Enter Salary amount:5000

Your bonus value is 600.0

Total Salary with bonus is 5600.0

(4)To find the given year is leap year or not

**INPUT:**

year=int(input("enter the year ="))

if(year%4==0):

if(year%100==0):

if(year%400==0):

print("the given year is leap year")

else:

print("the given year is not a leap year")

**OUTPUT:**

enter the year =20000

the given year is leap year

>>>

(5) READ THE CHARACTER .IF ITS UPPER CASE PRINT U

**INPUT:**

ch=input("enter a character ")

if(ch>='A' and ch<='Z'):

ch='U'

print(ch)

**OUTPUT:**

enter a character A

U

(6)SALARY BONUS FOR MALE AND FEMALE

**INPUT**:

sal=int(input("enter salary:"))

gender=(input("enter gender:"))

if(gender=='m'):

bonus=sal\*0.1

elif(gender=='f'):

bonus=sal\*0.12

print("total salary is ",sal+bonus)

**OUTPUT:**

enter salary:2000

enter gender:m

total salary is 2200.0

>>>