PYTHON PROGRAMMING WITH DECISION CONTROL STATEMENTS

Program 1 : -   Leap Year or Not

```
year=int(input("Enter the year : "))
if(year%4==0):
        if(year%100==0):
                if(year%400==0):
                        print("It is a Leap Year")
                else:
                        print("It is not a Leap Year")
        else:
                print("It is a Leap Year")
else:
        print("It is not a Leap Year")
```

Output :-

Enter the year : 2024

It is a Leap Year

Enter the year : 3000

It is not a Leap Year

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Program 2 : -   Checking of character is in uppercase or not

```
char=input("Enter a Character : ")

if(char<):

        print("U")

elif(char>='a' and char<='z'):

        print("l")

else:

        print("Enter the character correctly ")
```

Output :-

Enter a Character : H
U

Enter a Character : h
l

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Program 3 : - Calculate the Total Salary with included bonus amount

```
s=int(input("Enter your Salary : "))
g=input("Your Gender : ")
l=g.lower()
if(l=='male'):
        b=s*10/100
        t=s+b
elif(l=='female'):
        b=s*12/100
        t=s+b
else:
        print("Enter the gender properly")
print("Your Salary is ",s)
print("Your bonus amount is ",b)
print("Your Total Salary with added Bonus is ",t)
```

Output :-

```
Enter your Salary : 25000
Your Gender : Male
Your Salary is  25000
Your bonus amount is  2500.0
Your Total Salary with added Bonus is  27500.0


Enter your Salary : 25000
Your Gender : Female
Your Salary is  25000
Your bonus amount is  3000.0
Your Total Salary with added Bonus is  28000.0
```