

1. Write a Python program that takes a number as input and prints "Even" if the number is even and "Odd" if it's odd.

Answer:

```
n=int(input("Enter a Number:= "))
if(n%2==0):
    print(" Number is even")
else:
    print("Number is odd")
```

**Output:**

Enter a Number:=10

Number is Even

2. Create a Python program that checks whether a person is eligible to vote (18 years or older) based on their age.

Answer:

```
N=int(input("Enter a Number:="))
If(N>=18):
    Print("Person is eligible for voting")
else:
    Print("Person is not Eligible for voting")
```

**Output:**

Enter a Number:= 22

Person is Eligible for voting

3. Write a Python program that determines if a given year is a leap year or not.

Answer:

```
y=int(input("Enter Year:= "))
if(y%4==0 and y%100!=0) or (y%400==0):
    print("leap year")
else:
    print("Non leap year")
```

**output:**

Enter year:= 2020 -> Leap Year

4. Create a Python program that checks if a user-given number is positive, negative, or zero

**Answer:**

```
n=int(input("Enter a Number:= "))
if(n>=1):
    print("Positive Number")
elif(n<0):
    print("Negative Number")
else:
    print("Zero")
```

**output:**

```
Enter a Number:= 8
Number is Positive
```

5. Write a Python program that determines the largest of three numbers entered by the user.

**Answer:**

```
a=int(input("Enter 1st Number:= "))
b=int(input("Enter 2nd Number:= "))
c=int(input("Enter 3rd Number:= "))
if(a>b):
    if(a>c):
        print(a," is largest")
    else:
        print(c,"is largest")
else:
    if(b>c):
        print(b,"(is largest)")
    else:
        print(c,"is largest")
```

**output:**

```
Enter 1st Number:= 4
Enter 2nd Number:= 10
Enter 3rd Number:= 6
b is largest
```