 # Write a program where the user needs to enter their age. The program will then print whether they are eligible to vote or not?

In [ ]:
```python
def isEligibleForVote(age):
    if age >= 18:
        print("Eligible for Voting")
    else:
        print("Not eligible for Voting")


try:
    age = eval(input("Enter the age : "))
    isEligibleForVote(age)
except Exception as ex:
    print("Error : ", ex)
```
Eligible for Voting

 # Write a Python program that accepts a digit from the keyboard and outputs its name. For example, if the input is 1, the output should be "1 is one"

In [ ]:
```python
def getDigitInWord(digit):

    if digit == 0:
        print("Zero")
    elif digit == 1:
        print("One")
    elif digit == 2:
        print("Two")
    elif digit == 3:
        print("Three")
    elif digit == 4:
        print("Four")
    elif digit == 5:
        print("Five")
    elif digit == 6:
        print("Six")
    elif digit == 7:
        print("Seven")
    elif digit == 8:
        print("Eight")
    else:
        print("Nine")
```

```python
try:
    digit = eval(input("Enter a Digit : "))
    getDigitInWord(digit)
except Exception as ex:
    print("Error : ", ex)
```

Three

 # write a program to check whether the last digit of a number (enter by user) is divisible by 3 or not

In [ ]:
```python
def chechLastDigit(num, divisionNum):
    try:
        last_digit = int(num[-1])
        if(last_digit % divisionNum ==0):
            print(f"{num} last digit is divisible by 3")
    except Exception as ex:
        print("Error: ", ex)

num = input("Enter a number : ")
chechLastDigit(num, 3)
```

126 last digit is divisible by 3

 # write a program to check whether the given year is leap year or not

In [ ]:
```python
def isLeapYear():
    try:
        year = eval(input("Enter the year"))

        if year % 4 == 0:
            if year % 100 == 0:
                if year % 400 == 0:
                    print(f"{year} : leap Year")
                else:
                    print(f"{year} : Not a leap Year")
            else:
                print(f"{year} : leap Year")
        else:
            print(f"{year} : Not a leap Year")
    except Exception as ex:
        print("Error: ", ex)

isLeapYear()
```

2024 : leap Year

write a program to check whether a number is prime or not

```python
def isPrimeNumber(num, divisor):
    if num <= 2 :
        return num == 2
    if(num  %  divisor == 0):
        return False
    if(divisor * divisor > num):
        return True
    return isPrimeNumber(num, divisor + 1)


try:
    num = eval(input("Enter a number: {}"))
    print(f"{num} is Prime: ", isPrimeNumber(num, 2))
except Exception as e:
    print(f"Error: {e}")
```

```
13 is Prime:   True
```