CALCULATE AGE USING PYTHON

SOURCE CODE:

```
Import time

From calendar import isleap



#judge the leap year

Def judge_leap_year(year):

    If isleap(year):

        Return True

    Else:

        Return False



#returns the number of days in each month

Def month_days(month, leap_year):

    If month in [1, 3, 5, 7, 8, 10, 12]:

        Return 31

Elif month in [4, 6, 9, 11]:

    Return 30

Elif month == 2 and leap_year:

    Return 29

Elif month == 2 and (not leap_year):

    Return 28
```

```
Name = input(“ input your name: “ )

Age = input(“ input your age: “ )

Localtime = time.localtime(time.time())


Year = int(age)

Month = year * 12 + localtime.tm_mon

Day = 0


Begin_year = int(localtime.tm_year) –  year

End_year = begin_year + year


#calculate the days

For y in range(begin_year, end_year):

    If (judge_leap_year(y)):

        Day = day + 366

    Else:

        Day = day + 365


Leap_year = judge_leap_year(localtime.tm_year)

For m in range(1, localtime.tm_mon):

    Day = day + month_days(m, leap_year)
```

```
Day = day + localtime.tm_mday

Print(“ %s’ s age is %d years or “ % (name, year), end=” ” )

Print(“ %d months or %d days” % (month, day))
```

OUTPUT: