

## Problem # 9

Start

Declare bd-date, bd-month, bd-year, cd-date, cd-month, cd-year, age-date, age-year, age-month, leap-year as integer

Output "Enter your birthday date (dd/mm/yy)"

Input bd-date, bd-month, bd-year

Output "Enter . . . (dd/mm/yy)"

Input cd-date, cd-month, cd-year

if (bd-month < 1 || bd-month > 12 || bd-year < 0 ||  
cd-month > 12 || cd-month < 1 || cd-year <= 0)  
then

Output "you have entered wrong date"

else if (bd-month == 1 || bd-month == 3 || bd-month == 5  
|| bd-month == 7 || bd-month == 8 || bd-month == 10  
|| bd-month == 12)

if (bd-date > 31 and bd-date < 0)  
then

Output "wrong date"

```
else if (cd-month==1 || cd-month==3 || cd-month==5  
|| cd-month==7 || cd-month==8 || cd-month==10  
|| cd-month==12) then  
    if (cd-date > 31 and cd-date < 0)  
        then
```

Output "Wrong date"

```
else if (bd-month==4 || bd-month==6 || bd-month==9  
|| month==11) then,  
    if (bd-date > 30 and bd-date < 0) then  
        Output "print wrong date"
```

```
else if (cd-month==4 || cd-month==6 || cd-month==9  
|| cd-month==11) then  
    if (cd-date > 30 and cd-date < 0) then  
        Output "wrong date"
```

else

```
age-date = cd-date - bd-date;  
age-month = cd-month - bd-month  
age-year = cd-year - bd-year
```

```
if (age-date < 0)  
    then
```

```
    age-month--;
```



if (age-month == 1 || age-month == 3 || age-month == 5 || age-month == 8 || age-month == 7 || age-month == 10 || age-month == 12)

then

age-date += 31

else if (age-month == 4 || age-month == 6 || age-month == 9 || age-month == 11)

then

age-date += 30

else if ((age-year % 4 == 0 and age-year % 100 != 0) || (age-year % 400 == 0))

then

age-date += 29

else

age-date += 28

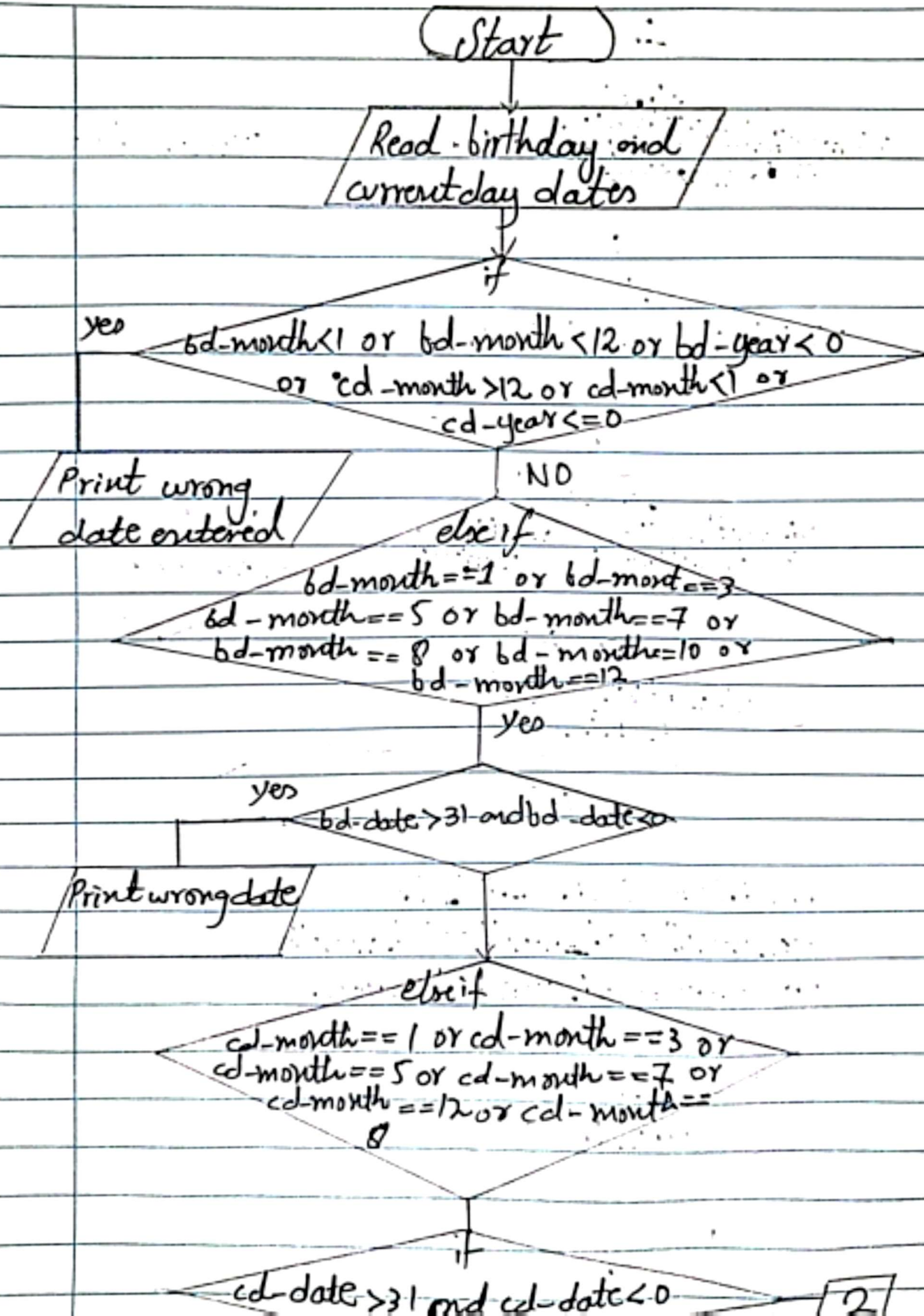
if (age-month < 0)

age-year --

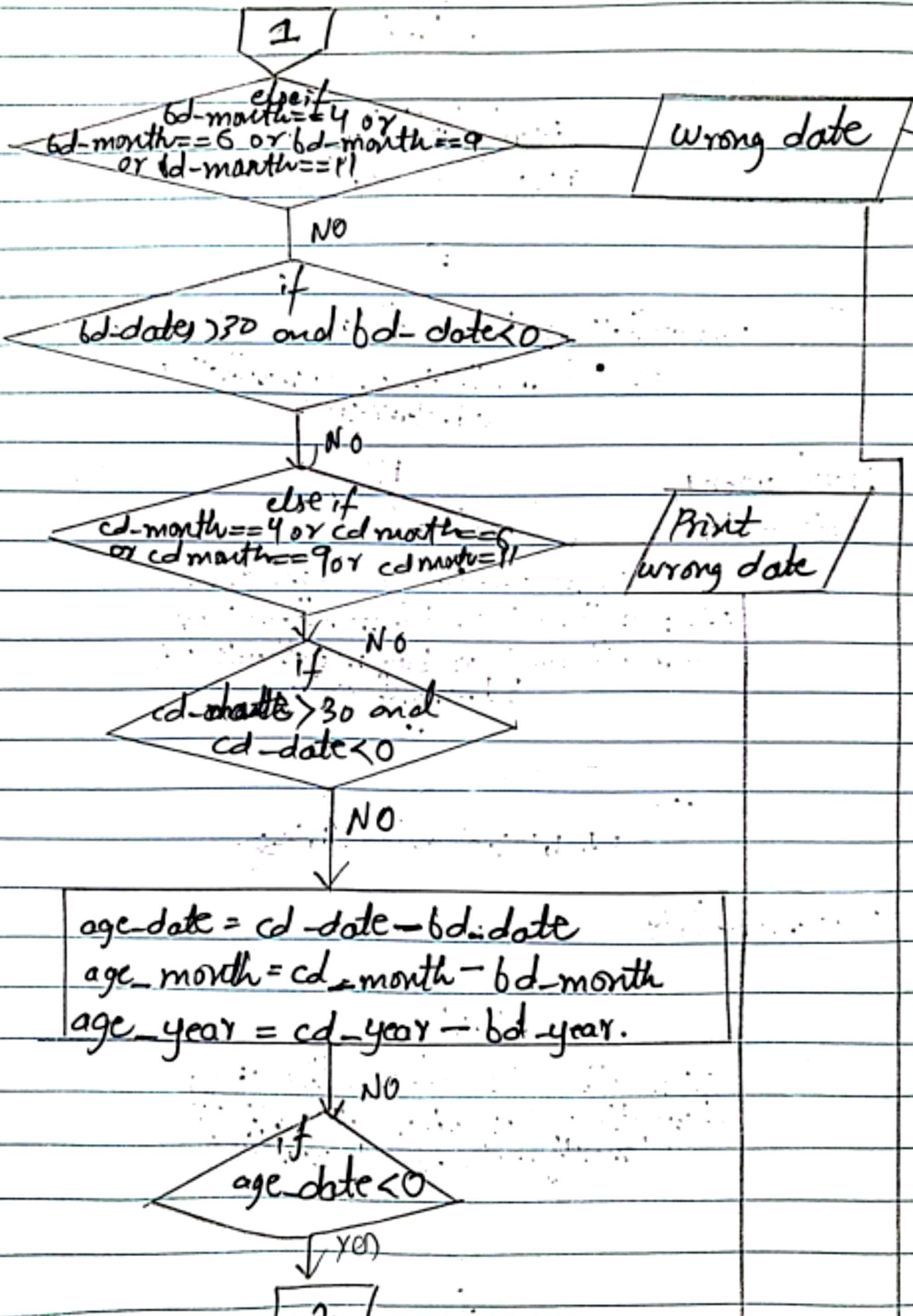
age-month += 12

Output "Your age is: age-date, age-month, age-year"

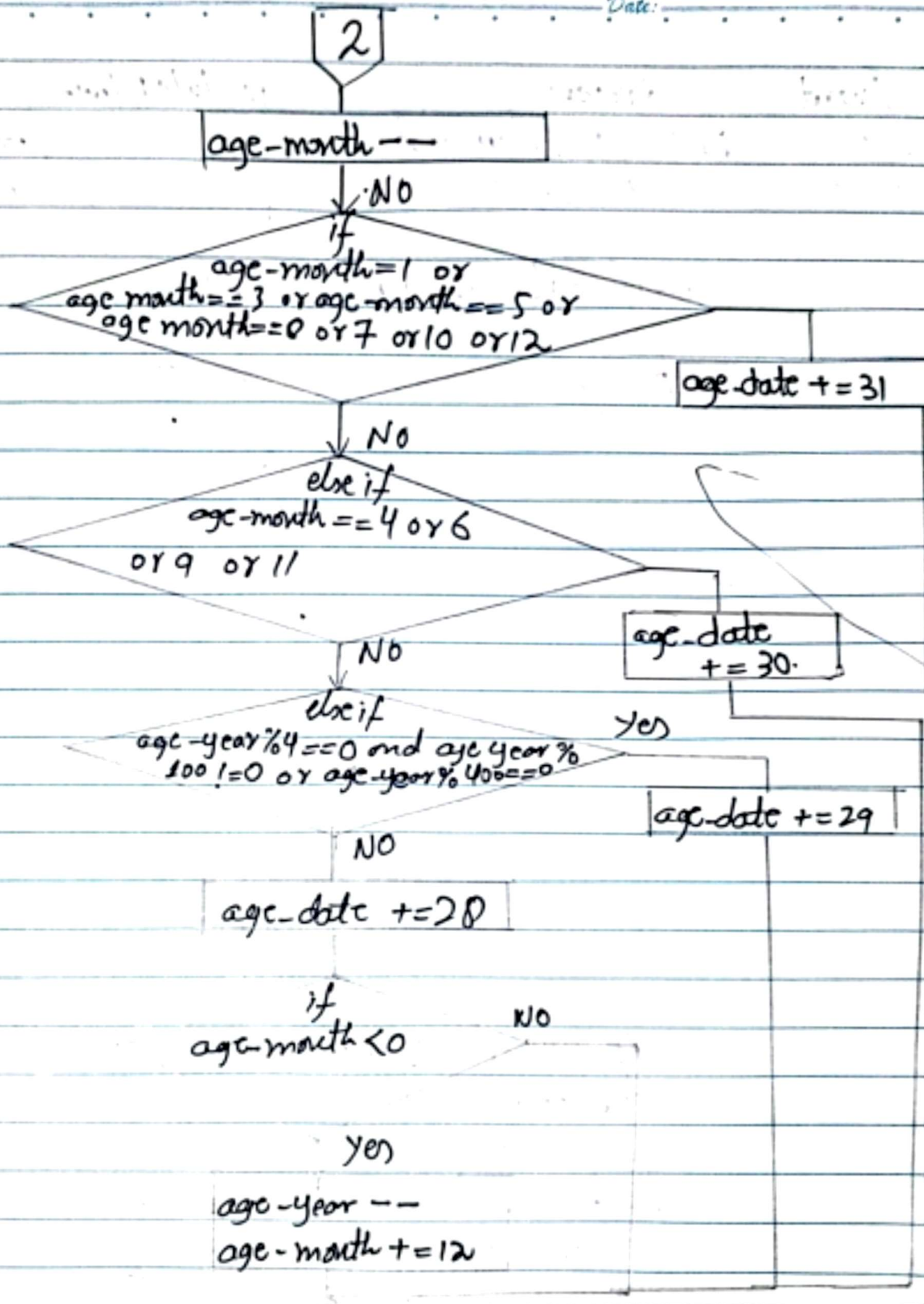
end.







Date: \_\_\_\_\_



Input	Process	Module Reference	Output
Enter date	Enter birthday and current date	Read	<del>Age</del> Age.
	check if date is valid	calc	
	Print age	Print	