

CS111
Homework 3

Write a program to tell the user when is his/her next birthday, if it is in current month, tell him/her that his/her birthday is in this month and Happy Birthday!

First, print a line to prompt the user to enter his/her birth month as a numerical number.
(1 - 12, 1 represents January, 2 represents February, and so on ...)

Read in the number and save it as the birth month.

Create another variable set to current month.

Your program is going to check 2 things!

1. If his/her birth month is the same as current month, print out Happy Birthday! Your birthday is in this month.
2. If his/her birthday is not in this month. Check whether it's already passed for this year, so the next one will be next year or it's going to happen later this year.

(Hint: There are two ways to do this, you can either check the birth month whether it's greater or less than current month, or you can minus the current month from birth month, it'll give you a positive or negative number with the difference between them)

If it's in next year. Don't forget to add up the remaining month of this year to his/her birth month.

Last, print out in how many month will be his/her next birthday.

(There are at least 2 ways to check the condition and calculate the month, as long as your logic is right and your result is right, you can choose any one you like.)

Please comment your code!

Ex:

Enter your birth month(1 - 12):

9

Your birthday is in this month! Happy Birthday!

more Ex:

Enter your birth month(1 - 12):

8

Your birthday is already passed for this year and your next birthday is in 11 months!

more Ex:

Enter your birth month(1 - 12):

12

Your birthday is in 3 months!