

Lab 3 Introduction to PASS, Operators and Basic I/O

Q-4. Download **Lab03_Q4.cpp** from Canvas. Complete the program for computing the age of a person in years and months. The expected output for data entry and display output should be according to the following format.

Sample Output 1:

Enter the current year: 2017
Enter the current month (a number in range from 1 to 12): 9
Enter your current age in years: 18
Enter the month in which you were born (a number in range from 1 to 12): 7
Enter the year for which you want to know your age: 2017
Enter the month of year 2017: 10

Your age in 10/2017 is: 18 year(s) and 3 month(s)

Sample Output 2:

Enter the current year: 2017
Enter the current month (a number in range from 1 to 12): 9
Enter your current age in years: 18
Enter the month in which you were born (a number in range from 1 to 12): 12
Enter the year for which you want to know your age: 2017
Enter the month of year 2017: 10

Your age in 10/2017 is : 18 year(s) and 10 month(s)

Hint-1: We say your age is 0 years old within 12 months after your birth. Your age in months begin to be counted in the next month of your birth. For example, if you were born on July 2000, then your age in August 2000 is 0 years old and 1 month and your age in June 2002 is 1 year and 11 months.

Hint-2: Suppose you are currently 20 years and 10 months old. When you enter your current age in years, just ignore the 10 months in your input, e.g., enter your current age in years: 20.

Hint-3: You need to use the “if” statement to handle two different scenarios.

*You should test your program using PASS.