

Date: _____

day,

29: Exact age in months & years from DOB.

IPO

Input	Process	Output
① Person's birthday.	① Validate birthday	① Age of person.
② Current date.	② validate current date	② Invalid birthday
	③ If birthday AND age are valid, THEN calculate age.	③ Invalid age

Q9 Pseudocode

Date: _____

① START

② INPUT year_c

③ INPUT month_c

④ INPUT day_c

⑤ INPUT year_b

⑥ INPUT month_b

⑦ INPUT day_b

⑧ CALCULATE VALIDATE the month

⑨ IF month_b < 1 OR month_b > 12 OR month_c < 1 OR month_c > 12 THEN

⑩ PRINT "invalid input", ELSE PRINT "valid input"

⑪ END IF

⑫ VALIDATE the day

⑬ IF month == 1, 3, 5, 7, 8, 10, 12 AND day ≤ 31 THEN

⑭ PRINT "valid input"

⑮ ELSE IF month == 2 AND day ≤ 28 THEN

⑯ PRINT "valid input"

⑰ ELSE IF month == 4, 6, 9, 11 AND day ≤ 30 THEN

⑱ PRINT "valid input"

⑲ ELSE

⑳ PRINT "invalid input"

㉑ END IF

㉒ CALCULATE THE age

㉓ IF month_c < month_b OR (month_c = month_b AND day_c < day_b) THEN

㉔ Age = year_c - year_b - 1

㉕ ELSE

㉖ Age = year_c - year_b

㉗ END IF

㉘ PRINT "age" END

FLOWCHART

Date: _____

