

PSUEDO CODE

QUESTION # 05

START

DECLARE birthdate, birthmonth, birthyear

DECLARE curdate, currmmonth, curryear

DECLARE exactdate, exactmonth, exactyear

DECLARE daysinmonth.

PRINT "Enter your Birthdate (dd mm yyyy) :

INPUT *birthate, birthmonth, birthyear.

PRINT "Enter Current date (dd mm yyyy) :

INPUT curdate, currmmonth, curryear

SET exactdate = curdate - birthdate

SET exactmonth = currmmonth - birthmonth

SET exactyear = curryear - birthyear.

IF exactdate \leq 0 AND exactmonth \leq 0 AND exactyear \leq 0 THEN

exactyear = curryear - 1

ENDIF

IF exactdate $<$ 0 THEN

SWITCH (currmmonth - 1)

CASE 1, 3, 5, 7, 8, 10, 12 :

daysinmonth = 31

CASE 2:

IF (curryear divisible by 400) OR
(curryear divisible by 4 AND
curryear not divisible by 100) THEN
daysinmonth = 29

ELSE

daysinmonth = 28

END IF

CASE 4, 6, 9, 11:

daysinmonth = 30

ENDSWITCH

exactdate = exactdate + daysinmonth

exactmonth = exact^{mo}nth - 1

END IF

IF exactmonth < 0 THEN

exactmonth = exactmonth + 12

exactyear = exactyear - 1

END IF

PRINT "Your age is", exactyear, "years",
exactmonth, "months", exactdate, "days."

END