COM 120 - Project 2

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| --- | --- | --- |
| Input | Process | Output |
| Birth month  Birth day  Birth year  System month  System day  System year | Calculate current age | Current age  Current Date  User’s Birthday |

Pseudocode:

PROMPT “What is your birth month?”

Get iBMonth

PROMPT “What is your birth day?”

GET iBDay

PROMPT “What is your birth year?”

GET iBYear

GET iSysMonth

GET iSysDay

GET iSysYear

CALCULATE User\_Birthday

SET iUAge = iSysYear - iBYear

IF (iBMonth > iSysMonth || ((iSysMonth == iBMonth) && (iBDay >= iSysDay)))

SET iUAge--

ENDIF

END

DISPLAY “Your birthday is: “+iBMonth+”/”+iBDay+”/”+iBYear

DISPLAY “Your current age is: “+iUAge

Desk Check

|  |  |  |
| --- | --- | --- |
| Input | Expected | Actual |
| 01  10  1994 | 18 | 18 |
| 12  03  1948 | 63 | 63 |
| 08  30  1972 | 39 | 39 |
| Invalid  Data | Error | Error |