2)

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Desktop/practice problems

$ nano birth.sh

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$ bash birth.sh

Enter the birthdate (mm-dd-yyyy): 01-06-1992

Age = 30

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$ bash birth.sh

Enter the birthdate (mm-dd-yyyy): 02-07-1993

Age = 29

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$ cat birth.sh

#!/bin/sh

echo -n "Enter the birthdate (mm-dd-yyyy): "

read bdate

bmonth=${bdate:0:2}

bday=${bdate:3:2}

byear=${bdate:6:4}

cdate=`date +%m-%d-%Y`

cmonth=${cdate:0:2}

cday=${cdate:3:2}

cyear=${cdate:6:4}

if [[ "$cmonth" -lt "$bmonth" ]] || [[ "$cmonth" -eq "$bmonth" && "$cday" -lt "$bday" ]]

then

let age=cyear-byear-1

else

let age=cyear-byear

fi

echo "Age = "$age

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$ bash -x birth.sh

+ echo -n 'Enter the birthdate (mm-dd-yyyy): '

Enter the birthdate (mm-dd-yyyy): + read bdate

04-05-1993

+ bmonth=04

+ bday=05

+ byear=1993

++ date +%m-%d-%Y

+ cdate=04-07-2022

+ cmonth=04

+ cday=07

+ cyear=2022

+ [[ 04 -lt 04 ]]

+ [[ 04 -eq 04 ]]

+ [[ 07 -lt 05 ]]

+ let age=cyear-byear

+ echo 'Age = 29'

Age = 29