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Roll no: CT-062

Class: BCIT

Section: B

Question 02: **LIBRARY FINE CALCULATOR**

PSEUDOCODE:-

01- **Begin**

02- **Variable** Due days, Fine

03- **Set** Fine=0, Due days=0

03- **Input** Due days

04- **If** Due days=0

      Display No Fine

Else if Due days<=7

      Process Fine= Due days*1$

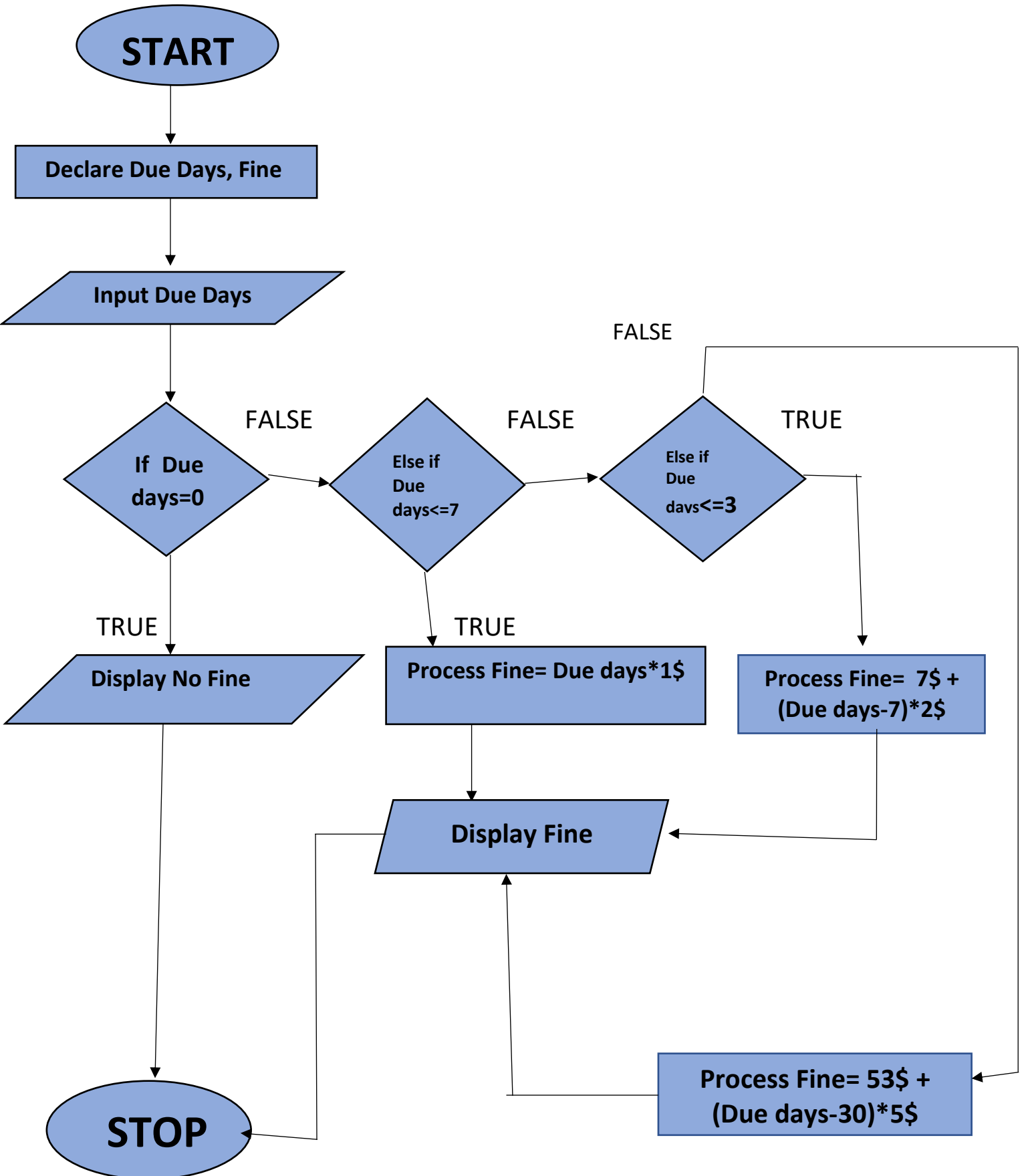**Else if** Due days<=30

      Process Fine= 7$ + (Due days-7)*2$

Else

      Process Fine= 53$ + (Due days-30)*5$

05- **Display** Fine

06- **End**

START

Declare Due Days, Fine

Input Due Days

If Due days=0

FALSE

Else if Due days<=7

FALSE

Else if Due days<=3

FALSE

TRUE

TRUE

TRUE

Display No Fine

Process Fine= Due days*1$

Process Fine= 7$ + (Due days-7)*2$

Display Fine

Process Fine= 53$ + (Due days-30)*5$

STOP

Question 01: **PASSWORD CHECK SYSTEM**

PSEUDOCODE:-

01- **Begin**

02- **Variable** Correct password, Entered password, Attempts

03- **Set** Correct password=SECURE123, Attempts=0

04- **While** Attempts<3

      Input Entered Password

      Process Attempts= Attempts + 1

  If Entered Password=Correct Password

        Display Access Granted

          End

  Else

       Display Incorrect Password, Try again

    End While

05- **Display** Account Locked

06- **End**

START

Declare Correct password, Entered password, Attempts

Set Correct password= SECURE123, Attempts=0

While Attempts< 3

FALSE

Display Account Locked

TRUE

Input Entered Password

Process Attempts= Attempts + 1

If Correct password= Entered password

FALSE

Display Password Incorrect, Try again

TRUE

Display Access Granted

STOP