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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**

**FLOWCHART:-**

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

**Declare Due Days, Fine**

**Display Fine**

**Process Fine= Due days\*1$**

**If Due days=0**

**Else if Due days<=7**

**Display No Fine**

**Input Due Days**

FALSE

**Else if Due days<=30**

FALSE FALSE TRUE

TRUE TRUE

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

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**

**FLOWCHART:-**

**Display Access Granted**

**If Correct password= Entered password**

**Display Account Locked**

**Display Password Incorrect, Try again**

**Process Attempts= Attempts + 1**

**Input Entered Password**

**While Attempts<3**

**Declare Correct password, Entered password, Attempts**

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

FALSE

TRUE

FALSE

TRUE