**ASSIGNMENT NO: 01**

**NAME:** SYEDA FAIZA ASLAM

**ROLL NO:** CT-064

**SECTION:** B

**COURSE:** CODE IN PLACE

**QUESTION NO: 01**

Password check system

**PSEUDOCODE**

Step no: 01 Begin.

Step no: 02 Declare variable username and password.

Step no: 03 Input username and password.

Step no: 04 IF username matches in database.

Sub-step no: 04(a) IF password matches in stored

Then Display “Login successfully”

Sub-step no: 04(b) ELSE

Display “Incorrect password”.

End IF

Step no: 05 ELSE

Display “username not found”.

Step no: 06 End.

**FLOWCHART**

Begin

Declare variable username and password

Input username and password

No

Display “incorrect username

IF username matches

Yes

No

IF password matches

Display “incorrect password”

Yes

Display login "SUCCESSFULLY”

End

**QUESTION NO: 02**

Library fine calculator

**PSEUDOCODE**

Step no: 01 Begin.

Step no: 02 declare variable due days and fine.

Step no: 03 input due days.

Step no: 04 IF due days<=0

Then Display “No fine”

Step no: 05 IF due days (1-7)

Then fine=due days\*$1

Display fine

Step no: 06 IF due days (8-30)

Then fine=$7+(due days-7)\*$2

Display fine

Step no: 07 IF due days>30

Then fine=$53+(due days-30)\*$5

Display fine

Step no: 08 End IF

Step no: 09 End

**FLOWCHART**

Start

declare variable due days and fine.

input due days.

Yes

IF due days<=0 Display “No fine”

No

Yes

IF due days (1-7) fine=due days\*$1

Display fine

No

Yes

IF due days (8-30)

fine=$7+(due days-7)\*$2

Display fine

No

Yes

IF due days>30 fine=$53+(due days-30)\*$5 Display fine

No

Stop