Flow chart for main();

login()

Flow chart for login();

Read user name

Home\_menu()

Is user password correct ?

Does user name file exist ?

Read user password

yes yes

Case second

Case first

false break;

Switch option

true

yes yes

Case second

Case first

false break;

Switch option

true

Flow char for home\_menu();

Case 4th

Case 3rd

Case 2nd

Switch option

Display sub-menu

information()

Case 2nd

Case first

Switch option

Display menu items

datastore()

yes

search()

yes

Case first

yes

Case first

rewrite()

Switch option

yes yes

yes

Case 2nd

del()

yes

marksheetl()

yes

Case default

Case

default

Case 7th

Case

4th

aboutl()

Case 6th

accountl()

Case 5th

Case

default

Case 3rd

yes

yes

yes

yes

yes

yes

yes

Flow char for information():

Case 2nd

Case first

Switch option

Display error msg

Read id no

yes yes

Does id no file exist ?

Case default

yes

yes

Read student informations

Flow char for datastore()

Display error msg

Store student information form information() in the file

Is file open?

Open file name with student id in writing mode

false

true

flow chart for about():

Display information

Flow chart for search():

Read file content

does file exist?

Open file name with student id in reading mode

Read student’s id

Switch option

yes

Case default

Case first

false break;

Home\_menu()

true yes

display file content

Flow chart for rewrite():

datastore()

Read student information

Display error msg

Is file opened?

Open file name with student id in writing mode

Read student’s id

false

true

flow char for del():

Read student’s id

Remove file -name after student’s id

Is file opened?

false

Home\_menu()

Display error msg

Home\_menu()

flow char for user\_verification():

Display error msg

Is file opened?

Open file name with user name in read mode

Read old user name

Case default

Home\_menu()

Case 2nd

Case first

Switch option

yes

yes

false

true break;

yes

Read content of the file

Read password

Home\_menu()

Case default

Case first

Display error msg

Is password equals to file content?

true yes

false

Switch case

yes

true

Flow chart of account():

Store password in the file as file content

Is file opened?

Display error msg

Open file name with new id in write mode

User\_verification()

Read new user name and password

Read new user name and password

false

true

Flow char marksheet()

Initialize i=0

Read subject name sub[i]

Is i<ns?

Initialize i=0

Is i<5?

Read faculty and level

Read no of students (ns)

Read id[i] of student,name[i],

Marks of each subject sub1 to sub5 of student [i]

false true

true false

Initialize i=0

Initialize i=0

i++

Is i<ns?

Percentage=total marks/5

div=percentage

Total marks =marksof (sub1+sub2+sub3+sub4+sub5)

false

Display “want to save or not or exit

true

Switch (choice)

Is choice=’y’

true

false

Open file named id no[i]

Is file exist/opened?

Is div<50 & div >=40,

And sub1 to sub5 > 32 ?

Is div<60 & div >=50,

And sub1 to sub5 > 32 ?

Display name ,marks of sub1 to sub5 ,div =”first”

Of student [i]

Display name ,marks of sub1 to sub5 ,div =”first”

Of student [i]

Is div<80 & div >=60,

And sub1 to sub5 > 32 ?

Is div>=80,

And sub1 to sub5 > 32 ?

Display name ,marks of sub1 to sub5 ,div =”dist”

Of student [i]

false

ture

true

Put percentage of the student in the file

false

true

Display error msg”no file found”

i++

false

true

Is choice=’Y’

true

false

false

Is choice=’N’

Is choice=’n’

Display name ,marks of sub1 to sub5 ,div =”second”

Of student [i]

true true

false

false

Home\_menu()

Home\_menu()

true

Is Choice=’e’?

true

Display name ,marks of sub1 to sub5 ,div =”failed”

Of student [i]

Is div<40 & div >=32,

And sub1 to sub5 > 32 ?

false true

Display name ,marks of sub1 to sub5 ,div =”third”

Of student [i]

Is Choice default?

true false