

ALGORITHM:

Step 1: Start

Step 2: Read the user id and pass

If (user id == SRM) && (pass == 123)

Validate the user

If validated go to selection function.

Step 3: Select any case from the selection function

switch(cases)

- case-1: Display
- case-2: Search
- case-3: Exit

Step 4: if case 1:

a. Open the existing excel file

b. read the data from excel file and print the data

Step 5: if case 2:

open the existing excel file, read the data from excel file, store the data in multiple structure format as

```
for (i = 1; i <= n; i++) // n is the no of records  
{
```

```
while (fgets (line, 100, fp)! = NULL)
{
    Store the data into structure
}
}
```

Step 6: printf (“enter the roll number”);

Step 7: read the roll number

if the roll number exist

```
while (fread (&stud, sizeof(s), 1, fr))
```

```
{
    if (stud. roll_no== roll)
    {
        found = 1;
        print student details
    }
}
```

Else print data not found.

Step 8: If case 3:

Exit the program.

Step 9: Any other choice is invalid go back to selection function.

Step 10: Stop.