

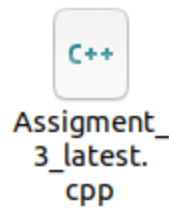
Department Management System StartUp

Steps:

Step 1:

First of all open the CPP file in your compiler.

File name is, "Assignment_3_latest".



```

home > spoofy > Downloads > Assig03 files > Assignment_3_latest.cpp > Classroom > firstline_classroom
1  #include<iostream>
2  #include<fstream>
3  #include<cstring>
4  using namespace std;
5  class Classroom{
6      private:
7          int room;
8          char floor;
9          int capacity;
10         char firstline_classroom[10];
11     public:
12         void first_line_classroom(char *line){
13
14             strcpy(firstline_classroom,line);
15         }
16
17         void display_firstline_classroom(){
18
19             cout<<firstline_classroom<<" ";
20         }
21         void read_data_classroom(int a,char b,int c){
22
23             room=a;
24             floor=b;
25             capacity=c;
26
27         }
28
29         void display_data_classroom(){
30
31             cout<<room<<" ";
32             cout<<floor<<" "<<capacity<<endl;

```

Step 2: Run the Code

```
PRESS 1 FOR SHOWS NAMES OF STUDENTS HAILING TO SPECIFIC CITY
```

```
|
```

Step 3: Type “1” if you want to print the NAMES. If you don’t want to print it, simply TYPE “0” and hit *ENTER KEY*

In my case, i’m going to print the names so i’ve entered “1”.

PRESS 1 FOR SHOWS NAMES OF STUDENTS HAILING TO SPECIFIC CITY

1

enter city name

█

Step 4: Open the Address file and choose any CITY from there

1	House	Street	City
2	107	10	ISB
3	987	17	Other
4	68	35	Other
5	846	10	PWR
6	405	13	Other
7	148	25	PWR
8	850	23	ISB
9	595	38	Other
10	327	10	Other
11	268	44	PWR
12	943	54	ISB
13	889	81	PWR
14	287	87	Other
15	792	64	PWR
16	536	85	Other
17	978	18	PWR
18	82	5	ISB
19	844	71	Other
20	462	49	PWR
21	112	25	Other
22	931	13	ISB
23	616	57	PWR
24	208	10	ISB
25	428	10	PWR
26	505	84	PWR
27	509	30	PWR
28	90	25	ISB
29	472	7	ISB
30	78	79	PWR
31	178	90	PWR
32	41	28	ISB
33	444	34	PWR
34	931	33	PWR
35	483	32	ISB
36	456	64	ISB
37	222	49	ISB
38	157	9	Other
39	935	33	ISB
40	85	44	LHR
41	1	93	PWR
42	289	24	PWR
43	465	11	Other
44	620	97	PWR
45	717	64	ISB
46	598	72	LHR
47	673	84	Other
48	634	10	LHR
49	715	51	Other
50	704	42	Other

I want to print the data of Students who belong to ISB. Write **ISB** in your compiler.

```
PRESS 1 FOR SHOWS NAMES OF STUDENTS HAILING TO SPECIFIC CITY

1

enter city name

ISB
```

```
house_no 267 street no 62 city ISB

Name is
Cnic is
Rollno is 0
Cgpa is 0
Program is
Contact no is

house_no 758 street no 96 city ISB

Name is
Cnic is
Rollno is 0
Cgpa is 0
Program is
Contact no is

house_no 101 street no 40 city ISB

Name is
Cnic is capacity
Rollno is 842608688
Cgpa is 0
Program is -335-503846
Contact no is

house_no 986 street no 74 city ISB

PRESS 2 FOR SHOWING COURSES RELATED TO YOUR ENTER ROLLNO
```

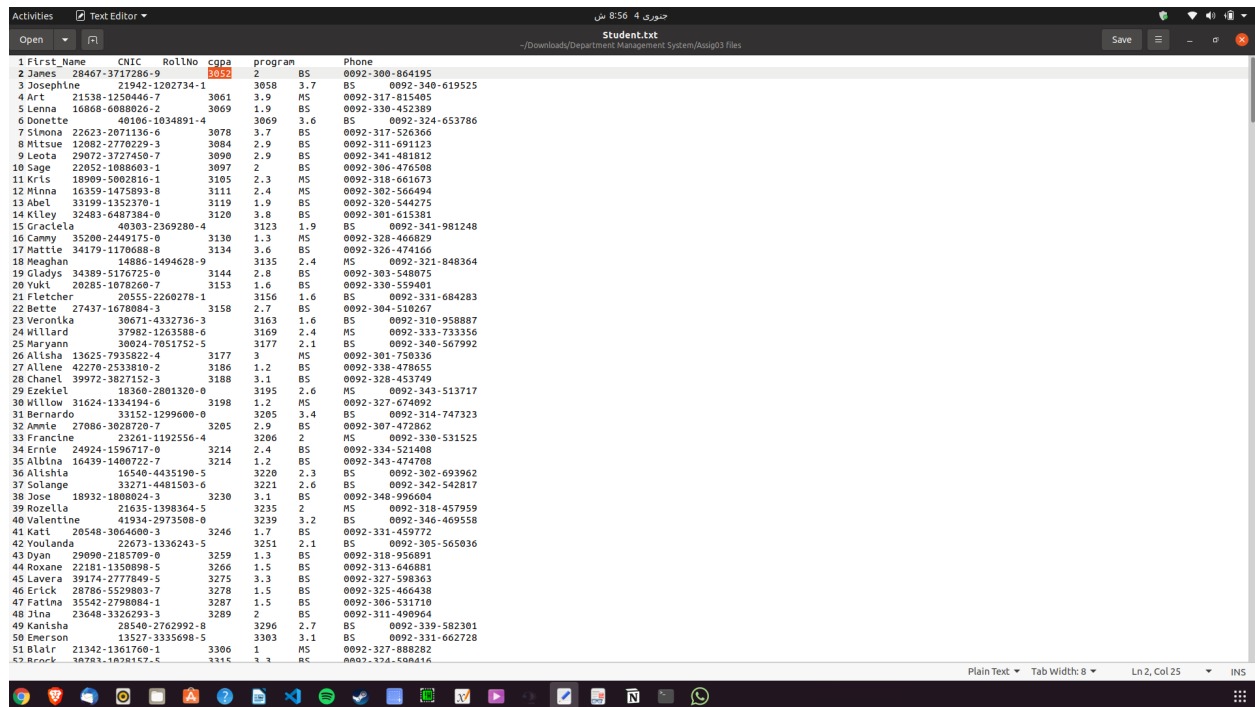
It will show all the Students who belong to ISB.

Step 5: Press 2 to show the Courses Registered by specific Students by entering their Roll no.

```
PRESS 2 FOR SHOWING COURSES RELATED TO YOUR ENTER ROLLNO

2

ENTER ROLLNO OF STUDENT
```



Open the Student file and choose any **ROLLNO** from there. I'm choosing the roll no **3052**. You can choose any roll no from the file.

Step 6: Similary Press 3 To Print the Details of the Faculty Members

PRESS 3 TO PRINT COURSES OF FACULTY MEMBER YOU ENTERED

PRESS 3 TO PRINT COURSES OF FACULTY MEMBER YOU ENTERED
3
Enter the empty id

Open the faculty file and choose any **Faculty number from the file**.

I'm choosing **4322** from the file.

Enter the empty id
4322

```
PRESS 2 FOR SHOWING COURSES RELATED TO YOUR ENTER ROLLNO
      2
ENTER ROLLNO OF STUDENT
      3198

PRESS 3 TO PRINT COURSES OF FACULTY MEMBER YOU ENTERED
      3
Enter the emply id
      4322
Name is Lonny
Cnic is 14698-5677452-5
EMP NO IS 4322
Designation AP
Contact no is 0092-339-656803
joining date 23/5/2007
COURSES ARE
      Introduction to Computing
      Introduction to Computing Lab
      Engineering Drawing spoofy@spoofy-Precision-M4600:~/Downloads/Department Management System/Assig03 files$
```

NOTE:

- You can try different Entries and can test the Software.
- I'm using Vscode that is why there is a little un-ordering of the Text.
- If you are using DevC++, it will be aligned there.