```
the max. number for staff members = 10000
any choice should be number
1-students    2-staff
1
number of students till now=0
1-add student
2-remove student
3-search for a student
4-modify a student
press any other number to exit
choose what you want to do
1
enter first name
shrouk
enter second name
magdy
choose number of year
1-Freshmen        2-Sophomore        3-Junior        4-Senior I        5-Senior II
4
choose number of department
1-Structure
2-Irrigation and hydraulics
3-Public works
4-Architecture
5-Urban Design and Planning
6-Power and Electrical Machines
7-Electronics and Electrical Communication
8-Computer and Systems
9-Mechatronics
10-Mechanical Power
11-Automotive
12-Design and Production
9
name:shrouk magdy
code:04ME0001
department:Mechatronics
year:Senior I
the student is added
1-add student
2-remove student
3-search for a student
4-modify a student
press any other number to exit
choose what you want to do
5
out of the system
do you want to save your data?
1-yes    2-no
1
saved
```

	A	B	C	D
1	shrouk magdy	04ME0001	Mechatronics	Senior I

	A	B	C	D
1	shrouk magdy	04ME0001	Mechatronics	Senior I
2	salma hussien	04ME0002	Mechatronics	Senior I
3	shrouk mohamed	03EC0003	Electronics and Electrical Communication	Junior
4	salma salem	04AU0004	Automotive	Senior I
5	hussien sayed	04PE0005	Power and Electrical Machines	Senior I
6	shrouk magdy	04ME0006	Mechatronics	Senior I
7	mohamed ahmed	01DP0007	Urban Design and Planning	Freshmen
8	ahmed sayed	05DP0008	Design and Production	Senior II
9				

choose what you want to do
3
search by code?
1-yes   2-no
2
search by full name?
1-yes   2-no
2
search by part name?
1-yes   2-no
1
enter student part name
s
name:shrouk magdy
code:04ME0001
department:Mechatronics
year:Senior I
name:salma hussien
code:04ME0002
department:Mechatronics
year:Senior I
name:shrouk mohamed
code:03EC0003
department:Electronics and Electrical Communication
year:Junior
name:salma salem
code:04AU0004
department:Automotive
year:Senior I
name:hussien sayed
code:04PE0005
department:Power and Electrical Machines
year:Senior I
name:shrouk magdy
code:04ME0006
department:Mechatronics
year:Senior I
name:ahmed sayed
code:05DP0008
department:Design and Production
year:Senior II

```
any choice should be number
1-students    2-staff
1
number of students till now=8
1-add student
2-remove student
3-search for a student
4-modify a student
press any other number to exit
choose what you want to do
3
search by code?
1-yes    2-no
1
enter student code
04ME0001
name:shrouk magdy
code:04ME0001
department:Mechatronics
year:Senior I
1-add student
2-remove student
3-search for a student
4-modify a student
press any other number to exit
choose what you want to do
3
search by code?
1-yes    2-no
2
search by full name?
1-yes    2-no
1
enter student full name
shrouk magdy
name:shrouk magdy
code:04ME0001
department:Mechatronics
year:Senior I
name:shrouk magdy
code:04ME0006
department:Mechatronics
year:Senior I
```

```
1-yes    2-no
2
search by part name?
1-yes    2-no
1
enter student part name
rouk
name:shrouk magdy
code:04ME0001
department:Mechatronics
year:Senior I
name:shrouk mohamed
code:03EC0003
department:Electronics and Electrical Communication
year:Junior
name:shrouk magdy
code:04ME0006
department:Mechatronics
year:Senior I
1-add student
```

```
press any other number to exit
choose what you want to do
4
enter student code
04ME0006
name:shrouk magdy
code:04ME0006
department:Mechatronics
year:Senior I
change name?
1-yes    2-no
1
enter first name
shrouk
enter second name
ibrahim
change department?
1-yes    2-no
1
choose number of department
1-Structure
2-Irrigation and hydraulics
3-Public works
4-Architecture
5-Urban Design and Planning
6-Power and Electrical Machines
7-Electronics and Electrical Communication
8-Computer and Systems
9-Mechatronics
10-Mechanical Power
11-Automotive
12-Design and Production
3
change year?
1-yes    2-no
1
choose number of year
1-Freshmen      2-Sophomore         3-Junior            4-Senior I              5-Senior II
1
name:shrouk ibrahim
code:04ME0006
department:Public works
year:Freshmen
```

```
2-remove student
3-search for a student
4-modify a student
press any other number to exit
choose what you want to do
2
enter student code
04PE0005
name:hussien sayed
code:04PE0005
department:Power and Electrical Machines
year:Senior I
the student is removed
```

	A	B	C	D
1	shrouk magdy	04ME0001	Mechatronics	Senior I
2	salma hussien	04ME0002	Mechatronics	Senior I
3	shrouk mohamed	03EC0003	Electronics and Electrical Communication	Junior
4	salma salem	04AU0004	Automotive	Senior I
5	shrouk ibrahim	04ME0006	Public works	Freshmen
6	mohamed ahmed	01DP0007	Urban Design and Planning	Freshmen
7	ahmed sayed	05DP0008	Design and Production	Senior II
8				
9				