

Project 3 - Student management program (12/10, 5 points)

```
typedef struct record
{
    char id[20];
    char name[20];
    char major[20];
    char phone[20];
    char hobby[20];
    struct record * next;
} STUDENT;
```

Project 3 - Student management program (12/10, 5 points)

- Use a given structure
- Student management program must have functions (Input, Find, Delete, Quit)

```
*****
*      Student Management      *
*      Won-Cheol Jang          *
*      2014123456              *
*****
1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit
Please enter the number >>
```

```
Please enter the number >> 1
▷ 1. selected input menu
1> id: 2014123456
2> name: jj
3> major: cs
4> phone: 01012345678
5> hobby: sleep
▷ succeeded.
```

```

1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit
Please enter the number >> 2
▷ 2. selected find menu
1> Full list
2> Search by name
3> Search by id
4> Search by major
5> Search by hobby
6> Undo
Please enter the number >>

```

```

Please enter the number >> 1
      ID      NAME    MAJOR    PHONE    HOBBY
2014123456jj      jj      cs  01012345678    sleep

  1 student found
1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit
Please enter the number >>

```

```

1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit
Please enter the number >> 2

```

```

▷ 2. selected find menu

```

```

1> Full list
2> Search by name
3> Search by id
4> Search by major
5> Search by hobby
6> Undo

```

```

Please enter the number >> 2

```

```

Name >> james

```

```

      ID      NAME    MAJOR    PHONE    HOBBY

```

```

  0 student found

```

```

1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit

```

```

Please enter the number >> 2

```

```

▷ 2. selected find menu

```

```

1> Full list
2> Search by name
3> Search by id
4> Search by major
5> Search by hobby
6> Undo

```

```

Please enter the number >> 2

```

```

Name >> jj

```

```

      ID      NAME    MAJOR    PHONE    HOBBY
2014123456      jj      cs  01012345678    sleep

```

```

  1 student found

```

```

1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit

```

```

Please enter the number >>

```

```
1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit
```

```
Please enter the number >> 3
```

```
▷ 3. selected delete menu
```

```
1> Delete All
2> Delete by name
3> Delete by id
4> Delete by major
5> Delete by hobby
6> Undo
```

```
Please enter the number >>
```

```
1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit
```

```
Please enter the number >> 3
```

```
▷ 3. selected delete menu
```

```
1> Delete All
2> Delete by name
3> Delete by id
4> Delete by major
5> Delete by hobby
6> Undo
```

```
Please enter the number >> 1
```

```
1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit
```

```
Please enter the number >> 2
```

```
▷ 2. selected find menu
```

```
1> Full list
2> Search by name
3> Search by id
4> Search by major
5> Search by hobby
6> Undo
```

```
Please enter the number >> 1
```

```
      ID      NAME      MAJOR      PHONE      HOBBY
```

```
    0 student found
```

```
1. Input a new student information
2. Find a student using condition
3. Delete a student using condition
4. Quit
```

```
Please enter the number >>
```