C++ Programming
AskMe Project

AskMe: Login

```
Menu:
        1: Login
        2: Sign Up

Enter number in range 1 - 2: 1
Enter user name & password: mostafa 111

Menu:
        1: Print Questions To Me
        2: Print Questions From Me
        3: Answer Question
        4: Delete Question
        5: Ask Question
        6: List System Users
        7: Feed
        8: Logout

Enter number in range 1 - 8: 1523
ERROR: invalid number...Try again

Enter number in range 1 - 8: |
```

- My system already has 3 users and several questions
- Let's login and see menu

AskMe: Print Questions to me

```
Enter number in range 1 - 8: 1

Question Id (101) from user id(11)        Question: Should I learn C++ first or Java
        Answer: I think C++ is a better Start

        Thread: Question Id (203) from user id(11)       Question: Why do you think so!
        Thread:           Answer: Just Google. There is an answer on Quora.

        Thread: Question Id (205) from user id(45)        Question: What about python?

        Thread: Question Id (300)        Question: Is it ok to learn Java for OOP?
        Thread:           Answer: Good choice

        Thread: Question Id (302)        Question: Why so late in reply?

Question Id (301) from user id(11)        Question: Free to meet?
```

AskMe: Print Questions from me

```
Enter number in range 1 - 8: 2

Question Id (211) to user id(11)        Question: It was nice to chat to you    Answer: For my pleasure Dr Mostafa
Question Id (212) !AQ to user id(45)    Question: Please search archive before asking  NOT Answered YET
```

- !AQ = ! Anonymous question
  - It means the other guy can see my ID

AskMe: Answer and Delete

```
Enter number in range 1 - 8: 3
Enter Question id or -1 to cancel: 101
Question Id (101) from user id(11)       Question: Should I learn C++ first or Java
         Answer: I think C++ is a better Start


Warning: Already answered. Answer will be updated
Enter answer: C++ is really a good choice
```

- Answered question (101)
  - We overwrote answer
- Also we deleted question (300)

```
Enter number in range 1 - 8: 4
Enter Question id or -1 to cancel: 300
```

AskMe: Updated system

```
Enter number in range 1 - 8: 1

Question Id (101) from user id(11)      Question: Should I learn C++ first or Java
        Answer: C++ is really a good choice

        Thread: Question Id (203) from user id(11)      Question: Why do you think so!
        Thread:          Answer: Just Google. There is an answer on Quora.

        Thread: Question Id (205) from user id(45)      Question: What about python?

        Thread: Question Id (302)          Question: Why so late in reply?

Question Id (301) from user id(11)       Question: Free to meet?
```

AskMe: Listing system users

```
Enter number in range 1 - 8: 6
ID: 45          Name: ali_wael
ID: 13          Name: mostafa_saad_ibrahim
ID: 11          Name: noha_salah
```

AskMe: Ask question, not a thread

```
Enter number in range 1 - 8: 5
Enter User id or -1 to cancel: 11
Note: Anonymous questions are not allowed for this user
For thread question: Enter Question id or -1 for new question: -1
Enter question text: Noha, How old are you?
```

AskMe: Listing the users feed

```
Enter number in range 1 - 8: 7
Question Id (101) from user id(11) To user id(13)          Question: Should I learn C++ first or Java
        Answer: C++ is really a good choice
Thread Parent Question ID (101) Question Id (203) from user id(11) To user id(13)          Question: Why do you think so!
        Answer: Just Google. There is an answer on Quora.
Question Id (211) To user id(11)          Question: It was nice to chat to you
        Answer: For my pleasure Dr Mostafa
```

AskMe: Ask question, in a thread

```
Enter number in range 1 - 8: 5
Enter User id or -1 to cancel: 11
Note: Anonymous questions are not allowed for this user
For thread question: Enter Question id or -1 for new question: 211
Enter question text: Please don't forget emailing the slides
```

AskMe: Let's login by Noha user

```
Enter number in range 1 - 8: 1

Question Id (211)        Question: It was nice to chat to you
        Answer: For my pleasure Dr Mostafa

        Thread: Question Id (304) from user id(13)        Question: Please don't forget emailing the slides

Question Id (303) from user id(13)        Question: Noha How old are you?
```

```
Enter number in range 1 - 8: 2

Question Id (101) !AQ to user id(13)        Question: Should I learn C++ first or Java        Answer: C++ is really a good choice
Question Id (203) !AQ to user id(13)        Question: Why do you think so! Answer: Just Google. There is an answer on Quora.
Question Id (302) to user id(13)        Question: Why so late in reply?        NOT Answered YET
Question Id (301) !AQ to user id(13)        Question: Free to meet?        NOT Answered YET
```

AskMe: Sign up

```
Menu:
        1: Login
        2: Sign Up

Enter number in range 1 - 2: 2
Enter user name. (No spaces): morad
Enter password: 444
Enter name: morad_zeny
Enter email: morad@gmail.c
Allow anonymous questions?: (0 or 1)1

Menu:
        1: Print Questions To Me
        2: Print Questions From Me
        3: Answer Question
        4: Delete Question
        5: Ask Question
        6: List System Users
        7: Feed
        8: Logout

Enter number in range 1 - 8:
```