

## **HOW TO USE THE SPOJ STALKER?**

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This is a simple JAVA program that stalks and prints the last n days activity of a user on SPOJ.

### **Requirements:**

JAVA JDK installed and JAVA Environment set for use. (This includes proper path environment variables set for windows users).

Visit <https://goo.gl/sRSC7j> (Windows users) <https://goo.gl/z9qdy0> (Linux/Mac Users) for getting help on setting the environment.

### **How to use?**

1. Download Main.java file from the link provided.
2. Open terminal and move to the directory where you've downloaded the file. For windows users, you can press "Shift + Right Click Mouse", then "Open command window here" in the folder where you've downloaded the Main.java file.
3. Type  
`javac Main.java`  
This should compile the source code and create a .class file in the current directory. This is required only one time. You need not compile the source code again.
4. To stalk last <n> days activity of <user\_name>, type  
`java Main <user_name> <n>`  
The command will access the webpage and print the last <n> days activity of <username> on SPOJ.
5. If you also want to know the points associated with problems solved by <username> in last <n> days, pass "true" as third argument.  
`java Main <user_name> <n> true`
6. For future, you only need to repeat steps (2) and (4 or 5).

Note :

1. Kindly enter the correct command line arguments without any junk characters. This includes a valid username in proper case and finite number of days.
2. Kindly be patient as the program takes some time to stalk and print the data .Make sure you're connected to internet while running the code and your system security and firewall settings allow webpage access from command line.
3. Fetching points associated with problems will make the program take longer time to execute. The speed of the program also depends on the number of days stalked.

4. Alternately, You may run the code directly in a JAVA ide. (I've tested it with IntelliJ IDEA).

Screenshot:

```
Last login: Tue Jun 16 16:34:58 on ttys000
AyurJain:Documents Ayur$ javac Main.java
AyurJain:Documents Ayur$ java Main aj95 2
-- User Data of : aj95 --
```

```
World Rank = 1993
Points Earned = 15.300000
AC :
1. BRDGHRD
2. BOTTOM
3. IWGBS
4. ANARC05H
5. FISHER
```

```
Others :
AyurJain:Documents Ayur$ java Main aj95 2 true
-- User Data of : aj95 --
```

```
World Rank = 1993
Points Earned = 15.300000
AC :
1. BRDGHRD 0.509554
2. BOTTOM 0.101523
3. IWGBS 0.090395
4. ANARC05H 0.058097
5. FISHER 0.063593
Total points earned = 0.823163
```

```
Others :
AyurJain:Documents Ayur$ █
```