This is a command line based app store coded in Java

The command line format for the program is:

java AppStore *UserDataFile CategoryListFile AppDataFile AppActivityFile*

The command options are:

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| --- | --- |
| **Command format** | **Description** |
| l <email> <password> | Logs in the user, if both email and password are valid. If an another user is already logged in, displays an error. |
| x | logs out a user, and starts the anonymous user mode |
| s | Subscribes a user as a developer, if not already. Should not work in anonymous mode. |
| v categories | View the list of all the categories, which a user can browse through. |
| v recent <category> | View the list of all apps in the given category sorted by their upload timestamp. If no category is given, then display the list of all apps across all the categories. |
| v free <category> | View the list of all free apps in the given category sorted by the ranking score. If no category is specified, then display the list for all apps across all the categories. |
| v paid <category> | View the list of all paid apps in the given category sorted by the ranking score. If no category is specified, then display the list of all apps across all the categories. |
| v app <appId> | View the details of an app, specified through its app id. |
| d <appId> | Allows the user to download an app. If the user has already downloaded the app, display an error message. Does not work in anonymous mode. |
| r <appId> <rating> | Allows the user to rate an app. The rating should always be between 1-5. A user cannot the rate the app, that he/she has not downloaded. Does not work in anonymous mode. |
| u <app\_name> <app\_id> <category> <price> | Upload an app. Category is required. Price >= 0.0. One cannot upload an app name with a duplicate app\_id value. Does not work for non-developers. |
| p <email> | Shows a user profile, with the given email. |
| p | Shows the profile of logged-in user. If the logged-in user is a *developer, it will also show the total****earnings****made from all of his/her apps.* |
| q | Quits the application after displaying the message “Quit” |