

and the password, 'adm1n'. The username and password for each user must be written to this file in the following format:

- First, the username followed by a comma, a space and then the password.
 - One username and corresponding password per line.
- Your program should allow your users to do the following:
 - Login. The user should be prompted to enter a username and password. A list of valid usernames and passwords are stored in a text file called **user.txt**. Display an appropriate error message if the user enters a username that is not listed in **user.txt** or enters a valid username but not a valid password. The user should repeatedly be asked to enter a valid username and password until they provide appropriate credentials.

The following menu should be displayed once the user has successfully logged in:

```
Please select one of the following options:
r - register user
a - add task
va - view all tasks
vm - view my tasks
e - exit
```

- If the user chooses 'r' to register a user, the user should be prompted for a new username and password. The user should also be asked to confirm the password. If the value entered to confirm the password matches the value of the password, the username and password should be written to **user.txt** in the appropriate format.
- If the user chooses 'a' to add a task, the user should be prompted to enter the username of the person the task is assigned to, the title of the task, a description of the task and the due date of the task. The

data about the new task should be written to **tasks.txt**. The date on which the task is assigned should be the current date. Also assume that whenever you add a new task, the value that indicates whether the task has been completed or not is 'No'.

- If the user chooses 'va' to view all tasks, display the information for each task on the screen in an easy to read format.
- If the user chooses 'vm' to view the tasks that are assigned to them, only display all the tasks that have been assigned to the user that is currently logged-in in a user-friendly, easy to read manner.

Compulsory Task Part 2

1. Now format your program so that:
 - a. Only the user with the username 'admin' is allowed to register users.
 - b. The admin user is provided with a new menu option that allows them to display statistics. When this menu option is selected, the total number of tasks and the total number of users should be displayed in a user-friendly manner.

If you are having any difficulties, please feel free to contact our specialist team [on Discord](#) for support.



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