**Fawry Internship Task**

**Task 1: Custom Command (mygrep.sh)**

1. **I created the script (mygrep.sh) attached and uploaded on github repo too.**
2. **Create it using nano and execute it**
3. **Create text file with specific sentences for testing then search on it.**

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**Reflective Section**

**1. How does the script handle arguments and options?**

* It uses getopts to read options -n and -v.
* After parsing options, it checks if both search string and filename are provided.
* It handles errors and prints help messages.

**2. How would the structure change if you want to support regex or -i/-c/-l?**

* To support regex, you would use grep -E.
* For -c, you would count the matches and only print the number.
* For -l, you would print only the filename if a match is found.
* We would need to expand the options parsing accordingly.

**3. What was the hardest part?**

* Handling combined options like -vn or -nv.
* Making sure the script correctly shifts arguments after reading options (shift after getopts).

**🏆Bonus:** Add support for --help flag to print usage info. • Improve option parsing using getopts.

For that I will add this part:

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