Write the answer to each question below the question in the space provided.
You can "wrap-around" the answer on separate lines if you need more space.

Part A: Display Results from Linux Commands
(Simple & Complex Regular Expressions)

Note the contents from the following tab-delimited file called **~uli101/cars:**

```
Plym    fury    77      73      2500
chevy   nova    79      60      3000
ford    mustang 65      45      10003
volvo   gl      78      102     9850
ford    ltd     83      15      10507
chevy   nova    80      50      3503
fiat    600     65      115     450
honda   accord  81      30      6000
ford    thundbd 84      10      17000
toyota  tercel  82      180     755
chevy   impala  65      85      1553
ford    bronco  83      25      9505
```

Write the results of each of the following Linux commands:

1. grep plym ~uli101/cars
-> Plym fury 77 73 2500

2. grep -i plym ~uli101/cars
-> Plym fury 77 73 2500

3. grep "^[m-z]" ~uli101/cars
->
chevy nova 79 60 3000
ford mustang 65 45 10003
volvo gl 78 102 9850
ford ltd 83 15 10507
fiat 600 65 115 450
honda accord 81 30 6000
ford thundbd 84 10 17000
chevy impala 65 85 1553

4. grep -i "^[m-z]" ~uli101/cars
->
Plym fury 77 73 2500
chevy nova 79 60 3000
ford mustang 65 45 10003
volvo gl 78 102 9850

ford ltd 83 15 10507
fiat 600 65 115 450
honda accord 81 30 6000
ford thundbd 84 10 17000
chevy impala 65 85 1553

5. `grep "3$" ~uli101/cars`

```
-> chevy    nova     79       60       3000
   ford     ltd      83       15       10507
   ford     thundbd  84       10       17000
```

6. `grep -i "c.*5$" ~uli101/cars`
   - ➔ **chevy nova 79 60 3000**
   - ➔ **fiat 600 65 115 450**
   - ➔ **chevy impala 65 85 1553**

Part B: Writing Linux Commands Using Regular Expressions

7. **Write a Linux command to display all lines in the file called ~/text.txt that contains the pattern: the**
   -> grep "the" ~/text.txt

8. **Write a Linux command to display all lines in the file called ~/text.txt that contains the word: the**
   -> grep -w "the" ~/text.txt

9. **Write a Linux command to display all lines in the file called ~/text.txt that begin with a number.**
   -> grep "^[0-9]" ~/text.txt

10. **Write a Linux command to display all lines in the file called ~/text.txt that end with a letter (either upper or lowercase).**
    -> grep "[a-zA-Z]$" ~/text.txt

11. **Write a Linux command to display all lines in the file called ~/text.txt that begin and end with a number.**
    -> grep "^[0-9].*[0-9]$" ~/text.txt

12. **Write a Linux command to display all lines in the file called ~/text.txt that contains exactly 3 characters that can be anything.**
    -> grep "^...$" ~/text.txt

13. **Write a Linux command to display all lines in the file called ~/text.txt that contains exactly 3 numbers.**
    -> grep "^[0-9][0-9][0-9]$" ~/text.txt

14. Write a Linux command to display all lines in the file called ~/text.txt that contains 1 or more “C” characters.
-> grep "C\+" ~/text.txt