**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 **~osl640/cars.txt:**

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 ~osl640/cars.txt**
2. **grep -i plym ~osl640/cars.txt**
3. **grep “^[m-z]” ~osl640/cars.txts**
4. **grep -i “^[m-z]” ~osl640/cars.txt**
5. **grep “3$” ~osl640/cars.txt**
6. **grep -i “c.\*5$” ~osl640/cars.txt**

**Part B: Writing Linux Commands Using Regular Expressions**

1. **Write a Linux command to display all lines in the file called ~/text.txt that contains the pattern:
the**
2. **Write a Linux command to display all lines in the file called ~/text.txt that contains the word:
the**
3. **Write a Linux command to display all lines in the file called ~/text.txt that begin with a number.**
4. **Write a Linux command to display all lines in the file called ~/text.txt that end with a letter
(either upper or lowercase).**
5. **Write a Linux command to display all lines in the file called ~/text.txt that begin and end
with a number.**
6. **Write a Linux command to display all lines in the file called ~/text.txt that contains exactly
3 characters that can be anything.**
7. **Write a Linux command to display all lines in the file called ~/text.txt that contains
exactly 3 numbers.**
8. **Write a Linux command to display all lines in the file called ~/text.txt that contains
1 or more “C” characters.**