Pattern Matching and Regular Expressions

1) Study the code in the file I have given you.

Labs : Test the following labs very thoroughly!

2) Write a regular expression for a license plate number whose format is two letters followed by four digits followed by three letters.

3) Replace every occurrence of 8 with ‘eight’.

4) Create some exercises yourself which gives you practice with pattern matching and regular expressions.

5) More to come.

Level 2 : Do labs 2) and 3) above using the Pattern and Matcher classes.

Level 3 : a) For the complete programs that I gave you in the presentation file, write a ‘myMatches’ method that does everything the matches method in the string class does.

Use your ‘myMatches’ method in the programs that I gave you.

b) Write a ‘myReplaceAll’ method that does everything the replaceAll method in the string class does. Test it thoroughly with different regular expressions!