Assignment: Java IO

1. Create a command GREP <pattern> that takes a pattern, searches for all the lines containing the pattern and prints it.

Eg: details.txt

Hello world

World is beautiful

Olleh is reverse of hello

D:\> java GREP hello

Prints : Hello World

Olleh is reverse of hello

D:\> java GREP ^hello

Prints all lines beginning with hello.

2.

Create a class UserAccount (username,password,confirmPassword,securityQuestion,answer)

Security Question is loaded from a map that maintains a questionNo and question.

User will enter the details and is stored in userAccount object.

Test the above in Client1.

Write a program ForgotPassword that reads username, displays the security question

Reads the user’s answer with stored answer and generates a new password randomly and displayed.