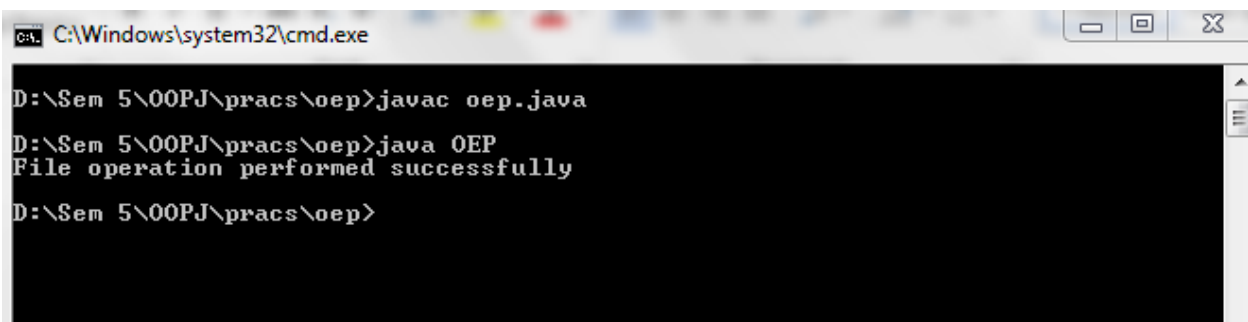


Open Ended Problem

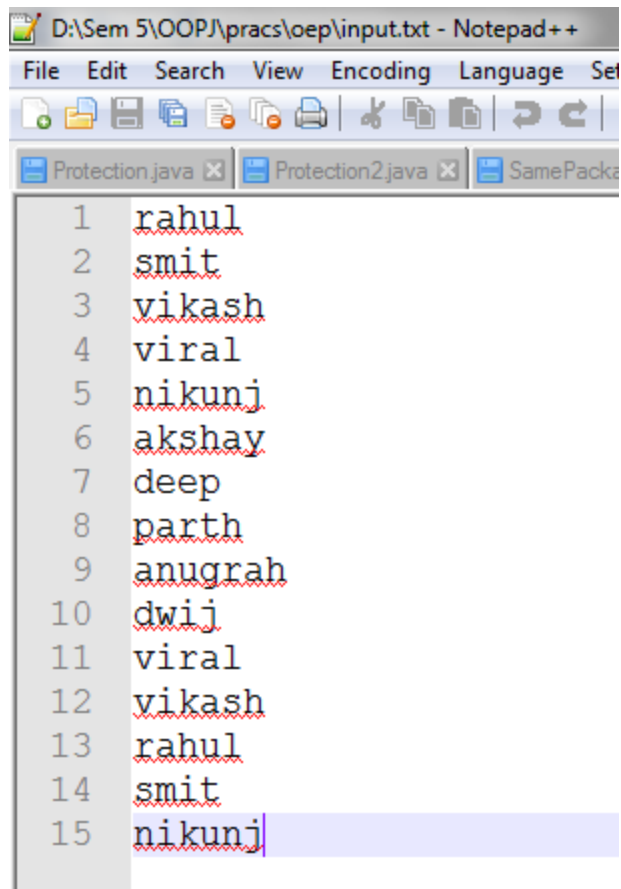
Aim: Remove duplicate lines from large text or a given document.

```
import java.io.*;
class OEP{
public static void main(String[] args) throws IOException
{
    PrintWriter pw = new PrintWriter("output.txt");
    BufferedReader br1 = new BufferedReader(new FileReader("input.txt"));
    String line1 = br1.readLine();
    while(line1 != null)
    {
        boolean flag = false;
        BufferedReader br2 = new BufferedReader(new FileReader("output.txt"));
        String line2 = br2.readLine();
        while(line2 != null)
        {
            if(line1.equals(line2))
            {
                flag = true;
                break;
            }
            line2 = br2.readLine();
        }
        if(!flag){
            pw.println(line1);
            pw.flush();
        }
        line1 = br1.readLine();
    }
    br1.close();
    pw.close();
    System.out.println("File operation performed successfully");
}
}
```



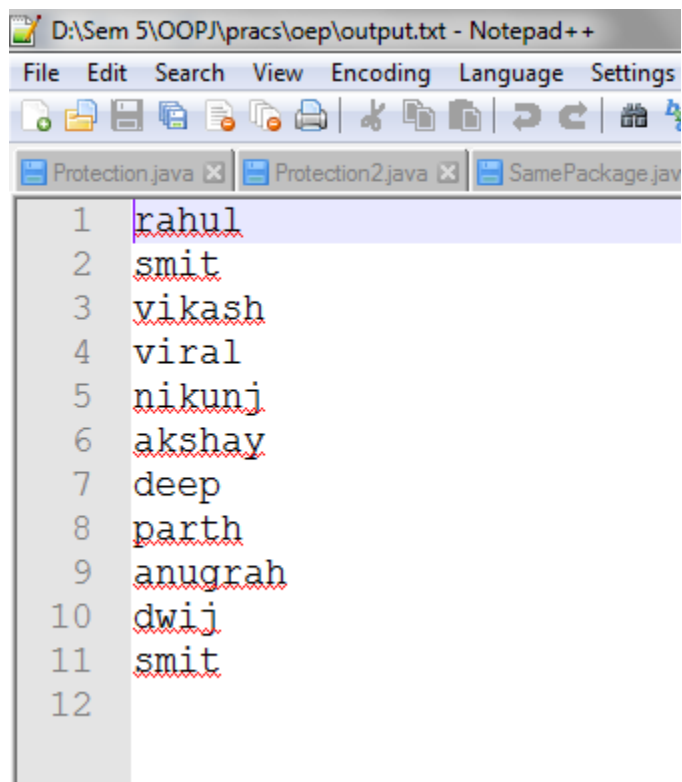
```
C:\Windows\system32\cmd.exe

D:\Sem 5\00PJ\pracs\oep>javac oep.java
D:\Sem 5\00PJ\pracs\oep>java OEP
File operation performed successfully
D:\Sem 5\00PJ\pracs\oep>
```



A screenshot of the Notepad++ application window titled "D:\Sem 5\OOP\pracs\oep\input.txt - Notepad++". The window has a menu bar with "File", "Edit", "Search", "View", "Encoding", "Language", and "Set". Below the menu bar is a toolbar with icons for file operations and editing. The tab bar shows three tabs: "Protection.java", "Protection2.java", and "SamePacka". The main text area contains a list of 15 names, each on a new line and preceded by a number from 1 to 15. The names are: rahul, smit, vikash, viral, nikunj, akshay, deep, parth, anugrah, dwij, viral, vikash, rahul, smit, and nikunj. The text is in a monospaced font, and the names are underlined with a red dashed line. The line containing "15 nikunj" is highlighted with a light blue background.

```
1 rahul
2 smit
3 vikash
4 viral
5 nikunj
6 akshay
7 deep
8 parth
9 anugrah
10 dwij
11 viral
12 vikash
13 rahul
14 smit
15 nikunj
```



A screenshot of the Notepad++ application window titled "D:\Sem 5\OOP\pracs\oep\output.txt - Notepad++". The window has a menu bar with "File", "Edit", "Search", "View", "Encoding", "Language", and "Settings". Below the menu bar is a toolbar with icons for file operations and editing. The tab bar shows three tabs: "Protection.java", "Protection2.java", and "SamePackage.jav". The main text area contains a list of 12 names, each on a new line and preceded by a number from 1 to 12. The names are: rahul, smit, vikash, viral, nikunj, akshay, deep, parth, anugrah, dwij, smit, and an empty line. The text is in a monospaced font, and the names are underlined with a red dashed line. The line containing "1 rahul" is highlighted with a light blue background.

```
1 rahul
2 smit
3 vikash
4 viral
5 nikunj
6 akshay
7 deep
8 parth
9 anugrah
10 dwij
11 smit
12
```