CECS 524 UNIT 13 ASSIGNMENT

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Code:

```
import java.util.*;

import java.io.*;

public class Find extends Thread{

  public static  void main (String [] args) throws java.io.IOException {

    String keyword = args[0];

    int tcnt = args.length ;

    for (int i = 1; i < tcnt; i++) {

     File f = new File(args[i]);

       new Thread() {

         @Override

         public void run() {

           try {

             ArrayList<String> res = search(f, keyword);

             System.out.print(f+":");

             for(int i=0;i<res.size();i++)

               System.out.println(res.get(i));

           } catch (Exception e) {

             System.out.println(e);

           }

         }

       }.start();

    }
```

```java
        }

public static ArrayList<String> search(File f,String keyword) throws java.io.IOException
{
    ArrayList<String> al=new ArrayList<>();
    try
    {
        FileReader fr = new FileReader(f);
        BufferedReader br = new BufferedReader(fr);
        String str=br.readLine();
        String [] words;

        while(str!=null)
        {
            words=str.split(" ");
            for (String s : words)
            {
                if (s.contains(keyword))
                {
                    al.add(str);
                }
            }
            str=br.readLine();
        }
    }
    catch(Exception e)
    {
```
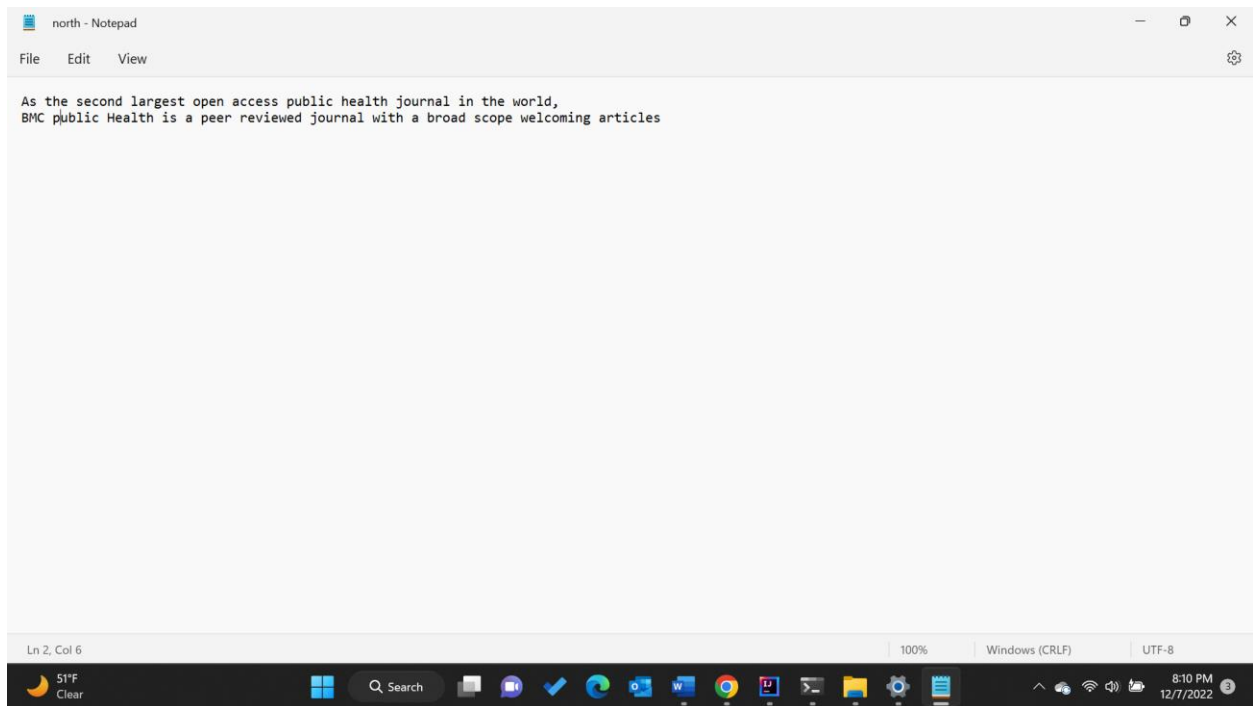
```
        System.out.println(e);

    }


    return al;

  }



}
```

Input files:

North.txt

address.txt

File   Edit   View

The artist colony of Laguna Beach is one of public's favorite spot, located halfway between Los Angeles and San Diego.
The city's topography is unique to other California coastal cities with its seven miles of coves and beaches where public can explore sea caves.
Laguna Beach also boasts the most beachfront lodging options in all of California, making it an ideal spot for a beach getaway.

Ln 3, Col 128   100%   Windows (CRLF)   UTF-8

outpost.txt

File   Edit   View

Located adjacent to the Vivian Engineering Center, The Outpost Grill proudly offers public a wide selection of menu.
The Outpost Grill is a popular public spot to grab a beer, a slice of pizza, a burger, salad, sandwich, or vegetarian entrée.
The Outpost also serves breakfast and proudly brews Starbucks Coffee.
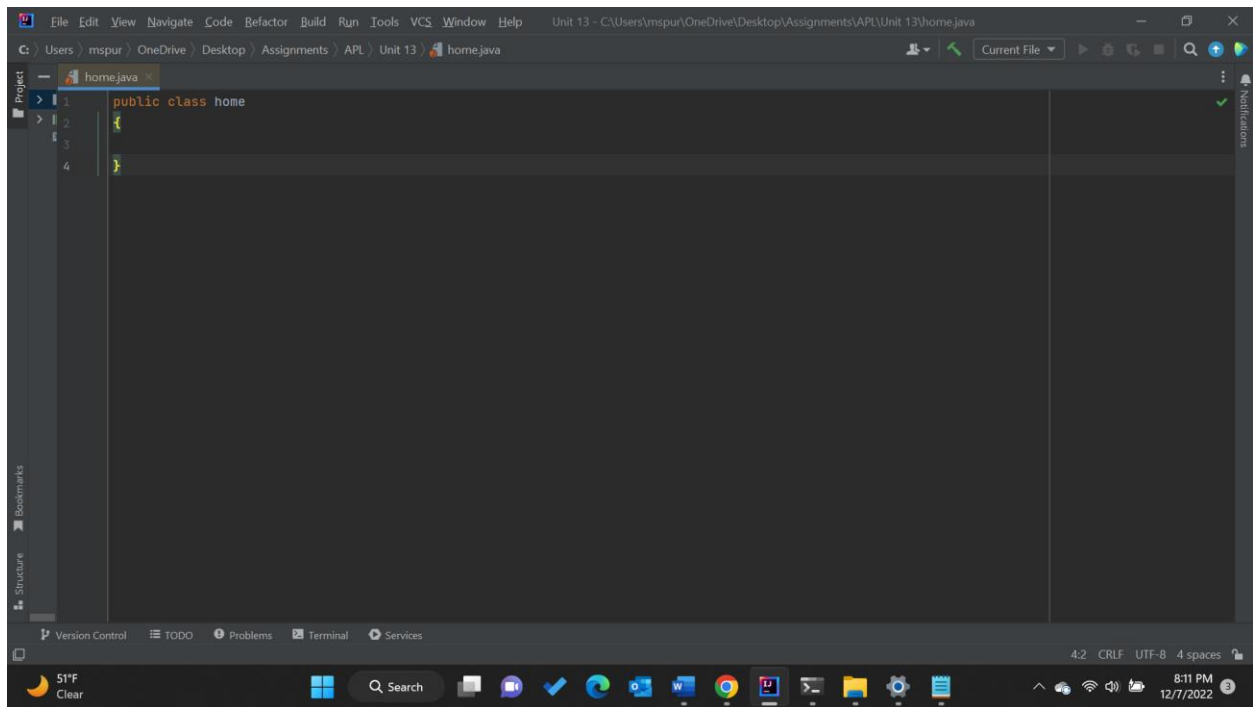
Ln 1, Col 117   100%   Windows (CRLF)   UTF-8

Home.java


```java
public class home
{

}
```

Output:


```
PS C:\Users\mspur\OneDrive\Desktop\Assignments\APL\Unit 13> java Find public outpost.txt address.txt home.java north.txt
address.txt:The artist colony of Laguna Beach is one of public's favorite spot, located halfway between Los Angeles and San Diego.
The city?s topography is unique to other California coastal cities with its seven miles of coves and beaches where public  can explor
e sea caves.
north.txt:As the second largest open access public health journal in the world,
BMC public Health is a peer reviewed journal with a broad scope welcoming articles
home.java:public class home
outpost.txt:Located adjacent to the Vivian Engineering Center, The Outpost Grill proudly offers public a wide selection of menu.
The Outpost Grill is a popular public spot to grab a beer, a slice of pizza, a burger, salad, sandwich, or vegetarian entrée.
```