**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();

}

}

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**

Graphical user interface, text, application, email

Description automatically generated

**address.txt**

Graphical user interface, text, application

Description automatically generated

**outpost.txt**

Graphical user interface, text, application, email

Description automatically generated

**Home.java**

A screenshot of a computer

Description automatically generated

**Output:**

**Text

Description automatically generated**