

```
import java.io.File;

import java.io.FileNotFoundException;

import java.util.Scanner;


public class Main {


    public static void main(String[] args) {


        String[] keyword = {"int", "if", "byte", "long", "String", "double", "else", "switch", "float"};

        String[] identifiers = {"a", "b", "c", "d", "e"};

        String[] operand = {"-", "+", "/", "=", "*"};

        String[] operator = {"<", ">", "&&", "||", "!=", "=="};

        String[] value = {"1", "2", "3", "4", "5", "6", "7", "8"};

        String[] others = {"{", "}", ";", ")", "(", " ", ""};


        String text = "";


        try{


            try (

                Scanner input = new Scanner (new File("/home/black/file2.txt"))

            ) {


                while (input.hasNext()) {

                    text += input.nextLine() + " ";

                }

            }

        }

    }

}
```

```
}
```

```
} catch (FileNotFoundException e){  
    System.out.println("File not found");  
}
```

```
String[] splittingArray = text.split(" ");
```

```
for( int i=0; i<splittingArray.length; i++){  
    for( int j=i+1; j<splittingArray.length; j++){  
        if((splittingArray[i]).equals(splittingArray[j]))  
            splittingArray[j] = "";  
    }  
}
```

```
System.out.print("\nkeyword:");  
for (String splittingArray1 : splittingArray) {  
    for (String keyword1 : keyword) {  
        if ((splittingArray1).equals(keyword1)) {  
            System.out.print(" " + splittingArray1 + ",");  
        }  
    }  
}
```

```
        System.out.print("\nIdentifiers:");  
for (String splitingArray1 : splitingArray) {  
    for (String identifier : identifiers) {  
        if ((splitingArray1).equals(identifier)) {  
            System.out.print(" " + splitingArray1 + ",");  
        }  
    }  
}  
}
```

```
        System.out.print("\nMath Operators:");  
for (String splitingArray1 : splitingArray) {  
    for (String operand1 : operand) {  
        if ((splitingArray1).equals(operand1)) {  
            System.out.print(" " + splitingArray1 + ",");  
        }  
    }  
}  
}
```

```
        System.out.print("\nLogical Operators:");  
for (String splitingArray1 : splitingArray) {  
    for (String operator1 : operator) {  
        if ((splitingArray1).equals(operator1)) {  
            System.out.print(" " + splitingArray1 + ",");  
        }  
    }  
}  
}
```

```
        System.out.print("\nValues:");  
for (String splitingArray1 : splitingArray) {
```

```
        for (String value1 : value) {  
            if ((splittingArray1).equals(value1)) {  
                System.out.print(" " + splittingArray1 + ",");  
            }  
        }  
    }  
}
```

```
    System.out.print("\nOthers:");  
    for (String splittingArray1 : splittingArray) {  
        for (String other : others) {  
            if ((splittingArray1).equals(other)) {  
                System.out.print(" " + splittingArray1);  
            }  
        }  
    }  
}
```

```
    }  
}  
}
```