

Practical 25

Aim : Write a program that reads words from a text file and displays all the nonduplicate words in descending order. The text file is passed as a command-line argument.

Code :

Practical25.java

```
import java.io.*;
```

```
import java.util.*;
```

```
class Practical25{
```

```
    public static void main(String[] args) throws Exception{
```

```
        File fin=new File(args[0]);
```

```
        BufferedReader br=new BufferedReader(new FileReader (fin));
```

```
        StringBuffer buffer=new StringBuffer();
```

```
        String str;
```

```
        while((str=br.readLine())!=null){
```

```
            buffer.append(str);
```

```
            buffer.append(" "); }
```

```
        ArrayList list=new ArrayList();
```

```
        StringTokenizer st = new  
StringTokenizer(buffer.toString().toLowerCase());
```

```
        while(st.hasMoreTokens()){
```

```
            String s = st.nextToken();
```

```
            list.add(s); }
```

```
        HashSet set = new HashSet(list);
```

```
        List arrayList = new ArrayList(set);
```

```
        Comparator c= Collections.reverseOrder();  
        Collections.sort(arrayList,c);  
        for (Object obj: arrayList){  
            System.out.println(obj.toString());  
        }  
    }  
}
```

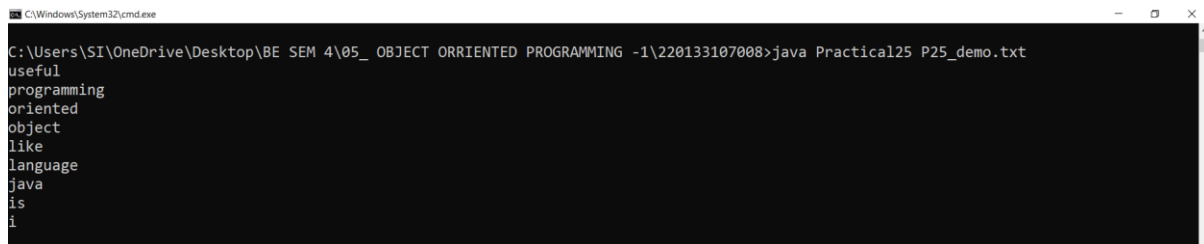
P25_demo.txt

Java is useful language

Java is object oriented programming language

I like Java programming

Output :



```
C:\Windows\System32\cmd.exe  
C:\Users\SI\OneDrive\Desktop\BE SEM 4\05_ OBJECT ORRIENTED PROGRAMMING -1\220133107008>java Practical25 P25_demo.txt  
useful  
programming  
oriented  
object  
like  
language  
java  
is  
i
```