

```

**
import java.util.*;

public class kthSmallestElement {
    public static int findKthSmallest(List<Integer> list, int k) {
        collection.sort(list);
        return list.get(k-1);
    }
}

```

```

public static void main(String[] args) {
    List<Integer> numbers = new ArrayList<>
        (Arrays.asList(7, 2, 5, 8, 9));
    int k = 3;
    System.out.println(k + "rd smallest: " +
        findKthSmallest(numbers, k));
}
}

```

**

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

```
public class WordFrequencyTreeMap {  
    public static void main (String [] args) {  
        String text = "this is a test this only";  
        String [] words = text.split(" ");  
        TreeMap <String, Integer> map = new TreeMap  
            <> ();  
        for (String word : words) {  
            map.put (word, map.getOrDefault(word, 0)  
                + 1);  
        }  
        for (Map.Entry <String, Integer> entry : map  
            .entrySet ()) {  
            System.out.println (entry.getKey() + " = ">  
                entry.getValue());  
        }  
    }  
}
```

**

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```
public class WordFrequencyTreeMap {  
    public static void main (String [] args) {  
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        for (Map.Entry <String, Integer> entry : map  
            .entrySet ()) {  
            System.out.println (entry.getKey() + " = "  
                + entry.getValue());  
        }  
    }  
}
```



```

**
import java.util.*;

class student {
    String name;
    int age;

    student (String name, int age) {
        this.name = name;
        this.age = age;
    }

    public String toString () {
        return name + "(" + age + " years old";
    }
}

public class studentTreeMap {
    public static void main (String [] args) {
        TreeMap<Integer, student> studentz = new
        TreeMap<Integer, student> ();
        student.put (101, new student ("Rajen", 22));
    }
}

```

```

import java.util.*;

public class kthSmallestElement {
    public static int findKthSmallest(List<Integer> list, int k) {
        collection.sort(list);
        return list.get(k-1);
    }
}

```

```

public static void main(String[] args) {
    List<Integer> number = new ArrayList<>
        (Arrays.asList(7, 2, 5, 8, 9, 1, 3));
    int k = 3;
    System.out.println(k + "rd smallest: " +
        findKthSmallest(number, k));
}
}

```