

JAVA EXAMPLES - VECTOR BINARY

http://www.tutorialspoint.com/javaexamples/data_vecsort.htm

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Problem Description:

How to execute binary search on a vector ?

Solution:

Following example how to execute binary search on a vector with the help of v.add method of Vector class and sort.Collection method of Collection class.

```
import java.util.Collections;
import java.util.Vector;

public class Main {
    public static void main(String[] args) {
        Vector v = new Vector();
        v.add("X");
        v.add("M");
        v.add("D");
        v.add("A");
        v.add("O");
        Collections.sort(v);
        System.out.println(v);
        int index = Collections.binarySearch(v, "D");
        System.out.println("Element found at : " + index);
    }
}
```

Result:

The above code sample will produce the following result.

```
[A, D, M, O, X]
Element found at : 1
```

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