

Name: - *Nilesh Lokewar*

Program Name: - **Array**

List

```
package com.arraylist;

import java.util.*;
import java.util.Map.Entry;

public class ArrayListToArray {

    public static void main(String[] args) {

        NavigableMap<Integer, String> map=new NavigableMap<Integer, String>() {

            @Override
            public int size() {
                // TODO Auto-generated method stub
                return 0;
            }

            @Override
            public String remove(Object key) {
                // TODO Auto-generated method stub
                return null;
            }

            @Override
            public void putAll(Map<? extends Integer, ? extends String> m) {
                // TODO Auto-generated method stub
            }

            @Override
            public String put(Integer key, String value) {
                // TODO Auto-generated method stub
                return null;
            }
        };
    }
}
```



```
@Override
public boolean isEmpty() {
    // TODO Auto-generated method stub
    return false;
}
```

```
@Override
public String get(Object key) {
    // TODO Auto-generated method stub
    return null;
}
```

```
@Override
public boolean containsValue(Object value) {
    // TODO Auto-generated method stub
    return false;
}
```

```
@Override
public boolean containsKey(Object key) {
    // TODO Auto-generated method stub
    return false;
}
```

```
@Override
public void clear() {
    // TODO Auto-generated method stub
}
```

```
@Override
public Collection<String> values() {
    @Override
```

```
@Override  
public Integer lastKey() {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
@Override  
public Set<Integer> keySet() {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
@Override  
public Integer firstKey() {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
@Override  
public Set<Entry<Integer, String>> entrySet() {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
@Override  
public Comparator<? super Integer> comparator() {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
// TODO Auto-generated method stub
```

```
public NavigableMap<Integer, String> tailMap(Integer fromKey, boolean inclusive) {  
    // TODO Auto-generated method stub  
    return null;  
}
```

@Override

```
public SortedMap<Integer, String> tailMap(Integer fromKey) {  
    // TODO Auto-generated method stub  
    return null;  
}
```

@Override

```
public NavigableMap<Integer, String> subMap(Integer fromKey, boolean fromInclusive,  
Integer toKey,  
boolean toInclusive) {  
    // TODO Auto-generated method stub  
    return null;  
}
```

@Override

```
public SortedMap<Integer, String> subMap(Integer fromKey, Integer toKey) {  
    // TODO Auto-generated method stub  
    return null;  
}
```

@Override

```
public Entry<Integer, String> pollLastEntry() {  
    // TODO Auto-generated method stub  
    return null;  
}
```

@Override

```
public Entry<Integer, String> pollFirstEntry() {
```

@Override

```
@Override  
public NavigableSet<Integer> navigableKeySet() {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
@Override  
public Integer lowerKey(Integer key) {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
@Override  
public Entry<Integer, String> lowerEntry(Integer key) {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
@Override  
public Entry<Integer, String> lastEntry() {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
@Override  
public Integer higherKey(Integer key) {  
    // TODO Auto-generated method stub  
    return null;  
}
```

```
// TODO Auto-generated method stub
```

```

public Entry<Integer, String> higherEntry(Integer key) {
    // TODO Auto-generated method stub
    return null;
}

```

@Override

```

public NavigableMap<Integer, String> headMap(Integer toKey, boolean inclusive) {
    // TODO Auto-generated method stub
    return null;
}

```

@Override

```

public SortedMap<Integer, String> headMap(Integer toKey) {
    // TODO Auto-generated method stub
    return null;
}

```

@Override

```

public Integer floorKey(Integer key) {
    // TODO Auto-generated method stub
    return null;
}

```

@Override

```

public Entry<Integer, String> floorEntry(Integer key) {
    // TODO Auto-generated method stub
    return null;
}

```

@Override

```

public Entry<Integer, String> firstEntry() {
    // TODO Auto-generated method stub
    return null;
}

```

@Override

```

@Override

public NavigableMap<Integer, String> descendingMap() {

    // TODO Auto-generated method stub

    return null;

}

@Override

public NavigableSet<Integer> descendingKeySet() {

    // TODO Auto-generated method stub

    return null;

}

@Override

public Integer ceilingKey(Integer key) {

    // TODO Auto-generated method stub

    return null;

}

@Override

public Entry<Integer, String> ceilingEntry(Integer key) {

    // TODO Auto-generated method stub

    return null;

}

};

}

}

```

```

package com.arraylist;

```

```

public class Student {
    private int RollNo;
    private String name;
    private int Age;
    public Student(int rollNo, String name, int age) {
        super();
        RollNo = rollNo;
        this.name = name;
        Age = age;
    }
    public int getRollNo() {

```



```

        return RollNo;
    }
    public void setRollNo(int rollNo) {
        RollNo = rollNo;
    }
    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }
    public int getAge() {
        return Age;
    }
    public void setAge(int age) {
        Age = age;
    }
    @Override
    public String toString() {
        return "Student [RollNo=" + RollNo + ", name=" + name + ", Age=" + Age + "]";
    }
}

```

```

package com.arraylist;

import java.util.*;

public class StudentInformationDemo {

    public static void main(String[] args) {
        List<Student> student=new ArrayList<Student>();
        student.add(new Student(11, "Atul", 18));
        student.add(new Student(12, "Arvind", 21));
        student.add(new Student(15, "Vishal",22));
        student.add(new Student(19, "Sanket", 36));

        System.out.println(student);

        Iterator it=student.iterator();
        while(it.hasNext()) {
            Student ob= (Student)it.next();
            System.out.println(ob.getRollNo()+"\t"+ob.getName()+"\t"+ob.getAge());
        }

    }

}

```

Output

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terminated - StudentInformationDemo [Java Application] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (07-Feb-2022 11:06:43 AM - 11:06:43 AM)

```
Student
    A 1 S
    nameitul, Age=18], Student [RollNo=12, name=rvind, Age=21], Student [RollNo=15, name=Vishal, Age=22], Student [RollNo=19, name=Sanket, Age=36]]
```

15 Vishal 22
19 Sanket 36

Java_All XAMPP Contr... aaa - Collectio... WhatsApp Fwd: all progra... New Microsoft...

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