Yasin Hasim Tamboli

```
package array;

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() {
// TODO Auto-generated method stub
			return null;
		}

		@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;
                }

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

		@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;
		}

		@Override
		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
		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 array;

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;
        }
```

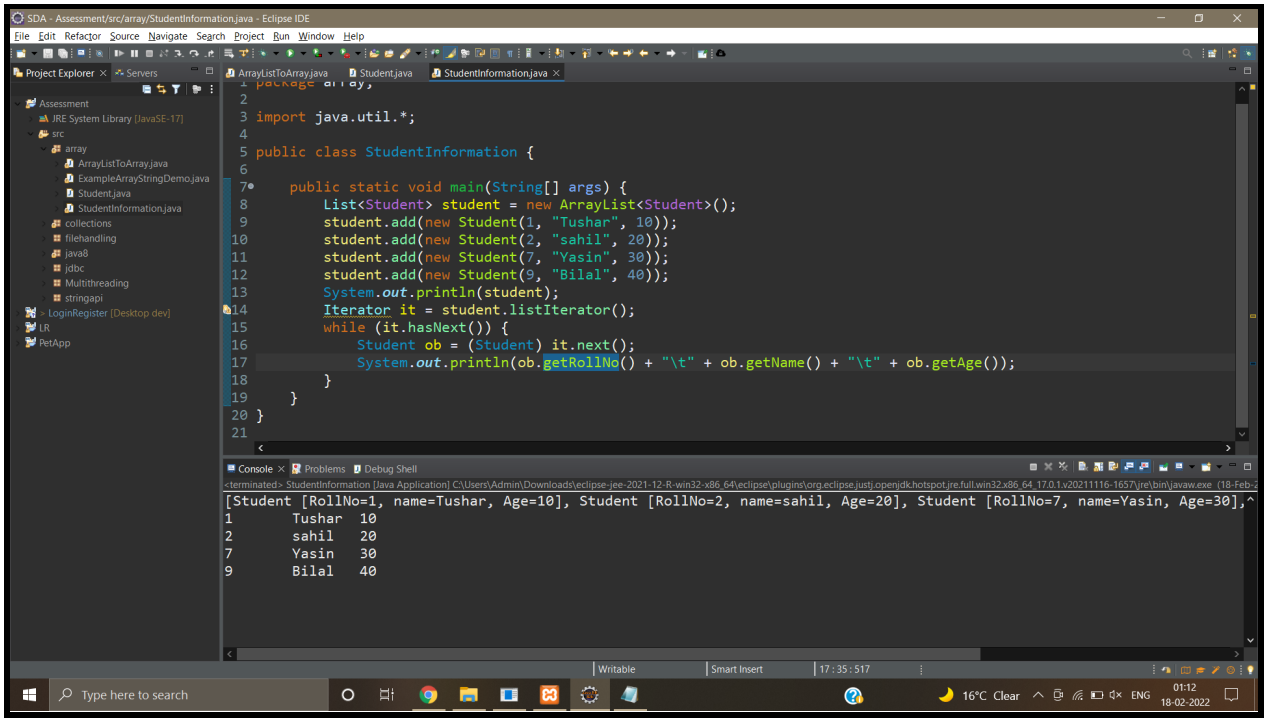
```
	public int getAge() {
		return Age;
	}

	public void setAge(int age) {
		Age = age;
	}

	@Override
	public String toString() {
		return "Student [RollNo=" + RollNo + ", name=" + name + ", Age=" + Age + "]";
	}
}
```

—----------

```
package array;

import java.util.*;

public class StudentInformation {

	public static void main(String[] args) {
		List<Student> student = new ArrayList<Student>();
		student.add(new Student(1, "Tushar", 10));
		student.add(new Student(2, "sahil", 20));
		student.add(new Student(7, "Yasin", 30));
		student.add(new Student(9, "Bilal", 40));
		System.out.println(student);
		Iterator it = student.listIterator();
		while (it.hasNext()) {
			Student ob = (Student) it.next();
			System.out.println(ob.getRollNo() + "\t" + ob.getName() + "\t" +
ob.getAge());
		}
	}
}
```

—----------

Output:


SDA - Assessment/src/array/StudentInformation.java - Eclipse IDE
File Edit Refactor Source Navigate Search Project Run Window Help
Project Explorer
Servers
Assessment
JRE System Library [JavaSE-17]
src
array
ArrayListToArray.java
ExampleArrayStringDemo.java
Student.java
StudentInformation.java
collections
filehandling
java8
jdbc
Multithreading
stringapi
LoginRegister [Desktop dev]
LR
PetApp
ArrayListToArray.java
Student.java
StudentInformation.java
package array;
import java.util.*;
public class StudentInformation {
public static void main(String[] args) {
List<Student> student = new ArrayList<Student>();
student.add(new Student(1, "Tushar", 10));
student.add(new Student(2, "sahil", 20));
student.add(new Student(7, "Yasin", 30));
student.add(new Student(9, "Bilal", 40));
System.out.println(student);
Iterator it = student.listIterator();
while (it.hasNext()) {
Student ob = (Student) it.next();
System.out.println(ob.getRollNo() + "\t" + ob.getName() + "\t" + ob.getAge());
}
}
}
Console
Problems
Debug Shell
<terminated> StudentInformation [Java Application] C:\Users\Admin\Downloads\eclipse-jee-2021-12-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.1.v20211116-1657\jre\bin\javaw.exe (18-Feb-2
[Student [RollNo=1, name=Tushar, Age=10], Student [RollNo=2, name=sahil, Age=20], Student [RollNo=7, name=Yasin, Age=30],
1 Tushar 10
2 sahil 20
7 Yasin 30
9 Bilal 40
Writable
Smart Insert
17 : 35 : 517
Type here to search
16°C Clear
ENG
01:12
18-02-2022