4.23

4.24

4.29

```
public class GenericMemoryCell<AnyType extends Comparable<? super AnyType>>
    implements Comparable<GenericMemoryCell<AnyType>>
    {
        private AnyType storedValue;
        public AnyType read() { return storedValue; }
        public void write( AnyType x ) { storedValue = x; }

@Override
public int compareTo(GenericMemoryCell<AnyType> o)
        {
            return this.storedValue.compareTo(o.storedValue);
        }
}
```

Chapter 4: Generics

4.36

Testing Output

```
Starting tests
Testing 4.23/4.24
Finishing testing 4.23/4.24
Starting tests for 4.29 (Comparable MemoryCell>)
Starting tests for 4.36 (Comparable method in the Person class)

TWFinishing tests

TWFINISHING

TWFINISHI
```

findMax Method

- I kept this method the same while testing the compareTo method, but was getting warnings about using Comparable in a not type safe way. This was my solution to clearing those up:

```
public static Comparable<Person> findMax( Comparable<Person> [ ] a )

int maxIndex = 0;

for( int i = 1; i < a.length; i++ )

if( a[ i ].compareTo( (Person)a[ maxIndex ] ) > 0 )

maxIndex = i;

return a[ maxIndex ];
}
```