TODAY’S TOPIC...

• Last time we looked at interfaces.

• Today we’ll look at more examples.
POLYGONS

- The book used an example of Shape, we'll take a look at Polygons

```java
public interface Polygon extends Comparable<Polygon>{
    /**
     * Returns the number of sides of the polygon.
     * @return The number of sides of the polygon.
     */
    public int numberOfSides();

    /**
     * Returns the perimeter of the polygon.
     * @return The perimeter of the polygon.
     */
    public float perimeter();

    /**
     * Calculates the area of the polygon.
     * @return The area of the polygon.
     */
    public float area();
}
```

EXTENDS COMPARABLE?

- Comparable interface:
  - This is a delivered Interface in the Java library:

  [http://docs.oracle.com/javase/7/docs/api/java/lang/Comparable.html](http://docs.oracle.com/javase/7/docs/api/java/lang/Comparable.html)