

```
public class Artifact {
    public static java.util.Date startup;    // time of class creation
    private static java.util.Date oldest;    // time of first instantiation
    private static java.util.Date youngest; // time of most recent instantiation
    private static int count = 0;           // total number of instantiations
    private float size;

    static {
        startup = new java.util.Date();
    }

    public static String getInstanceCount() {
        return Integer.toString(count);
    }

    public Artifact(float size) {
        if (oldest == null) {
            oldest = new java.util.Date();
        }
        youngest = new java.util.Date();
        count++;
        this.size = size;
    }

    public String toString() {
        String value = "This instance, size = " + size + "\n";
        value += "  Class creation:      " + Artifact.startup.toString() + "\n";
        value += "  First instantiation: " + Artifact.oldest.toString() + "\n";
        value += "  Last instantiation:  " + Artifact.youngest.toString() + "\n";
;
        value += "  Number of instantiations: " + Artifact.count;
        return value;
    }
}
```