1. **Coding Standards**

**Coding Standards for Components:**It is recommended to write components name by its purpose. This approach improves the readability and maintainability of code.

**Coding Standards for Classes:**Usually class name should be noun starting with uppercase letter. If it contains multiple word than every inner word should start with uppercase.

Eg: String, StringBuffer, Dog

**Coding Standards for Interface:** Usually interface name should be adjective starting with uppercase letter. If it contains multiple word than every inner word should start with uppercase.

Eg: Runnable, Serializable, Comparable

**Coding Standards for Methods:**Usually method name should either be verb or verb noun combination starting with lower letter. If it contains multiple word than every inner word should start with uppercase.

Eg: print(), sleep(), setSalary()

**Coding Standards for Variables:** Usually variable name should be noun starting with lowercase letter. If it contains multiple word than every inner word should start with uppercase.

Eg: name, age. mobileNumber

**Coding Standards for Constants:**Usually constant name should be noun. It should contain only uppercase If it contains multiple word than words are separated with ( \_ ) underscore symbol. Usually we declare constants with public static and final modifiers.

**2.Second Largest number:**