

## 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:

### ALGORITHM:

- 1.Get 3 numbers a,b,c from the user
- 2.First check if  $a > b$  and  $a < c$  ,which means a is the middle number ie. second largest
- 3.In the same statement check if  $a > c$  and  $a < b$  as our aim is to find the middle element.
- 4.Similarly check if  $b > a$  and  $b < c$  or  $b > c$  and  $b < a$
- 5.Finally store c as second largest if the above two if else if statements turn to be false.
- 6.Print the output.

