**Question 3:**

Prog2.java is better in term of design consideration.

Because:

* In prog1.java, we can not change/set value for the input of the “name” parameter. Therefore, name parameter will always set to default “null” value.
* In prog2.java, we can change/set the value for the input “name” parameter.
* If we want to use variable from A class in B class, for instance, it is better to set the variable to “private”, therefore it only can be used if we create object of B class in A class (B b = new B() ) and call method of B class within A class (b.setSomething(); b.getSomething()…).

**Question 4:**

The first 3 methods ( validateLocation(); checkFTP(); ping() ) are unnecessary. They took more memory and also make the class harder to understand. Fixing idea:

