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△ FLUENT INTERFACE

- It allows to ~~&~~ write readable ~~source~~ test.

- So that non-tecnical people understand

- easy, readable, maintainable interface.

Benefits

- improves readability
- productivity
- faster delivery
- less defects

- method chaining is a way to achieve fluent interface. for ex: stringbuilder().append("");

FLUENT INTERFACE

△ METHOD CHAINING

- We can achieve method chaining only if our method return type is the class having that method.

        for ex: Class Form {
                        public form getinput1() {
                        ----- return. this; }
                        public void sendkeytoInput1()
                            { ....;
                            }
                    }

In the above class getInput1() method will return that class object and that can further be used to call other method like -

        formObj.getInput1().send keytoInput1()

And that's how method chaining is achieved.

Δ   Use Commons methods for different elements.

for ex: to find element
         to verify elements
         to login as different users.

1) Divide Page Object class into "ACT" & "VERIFY" Class.

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Δ   Domain Specific Language (DSL)

   — Like CSS & SQL are examples for DSL as they are only used for a domain.

DSL ⟨ → [Internal DSL] – code written to fit your
                              domain – uses host language.
          → [External DSL]