

REGEX NOTES FOR 180106 *

Reg. exp. meta chars :

- ^ starts
- \$ ends
- ? 0 or 1
- * 0 or more
- + 1 or more
- | OR-logical

Since all test passed \therefore req's satisfied since each req corresponds to a test, so we have a working sys.

- 1) Bug found \rightarrow new test \rightarrow new req \rightarrow redo code
- 2) Change req \rightarrow new test \rightarrow new code
- 3) Refactor : Req's stay same but system performance is better.

Regression testing: test New & OLD testcases!

OBJECT-ORIENTED (prog. lang.)

- 1) Encapsulation
- 2) Info/impl. hiding
- 3) State retention
- 4) Object identity
- 5) Messages
- 6) Classes
- 7) Inheritance
- 8) Polymorphism
- 9) Genericity

wegner terminology

- } having these 3 object structured
- } object based
- } object oriented

1) Encapsulation: grouping of related ideas in one unit referred to by a single name

Encap. level 0: line of code (LOC)

1: lines of code (procedural)

2: set of procedures (class)

3a: set of classes (package-horizontal)

3b: " " " (component-vertical)

3a: classes of same domain

3b: classes of diff. domains doing a common job

OO Encapsulation: grouping of operations and data attributes representing state into an object so that the state is accessible & modifiable via the interface provided by the encapsulation.