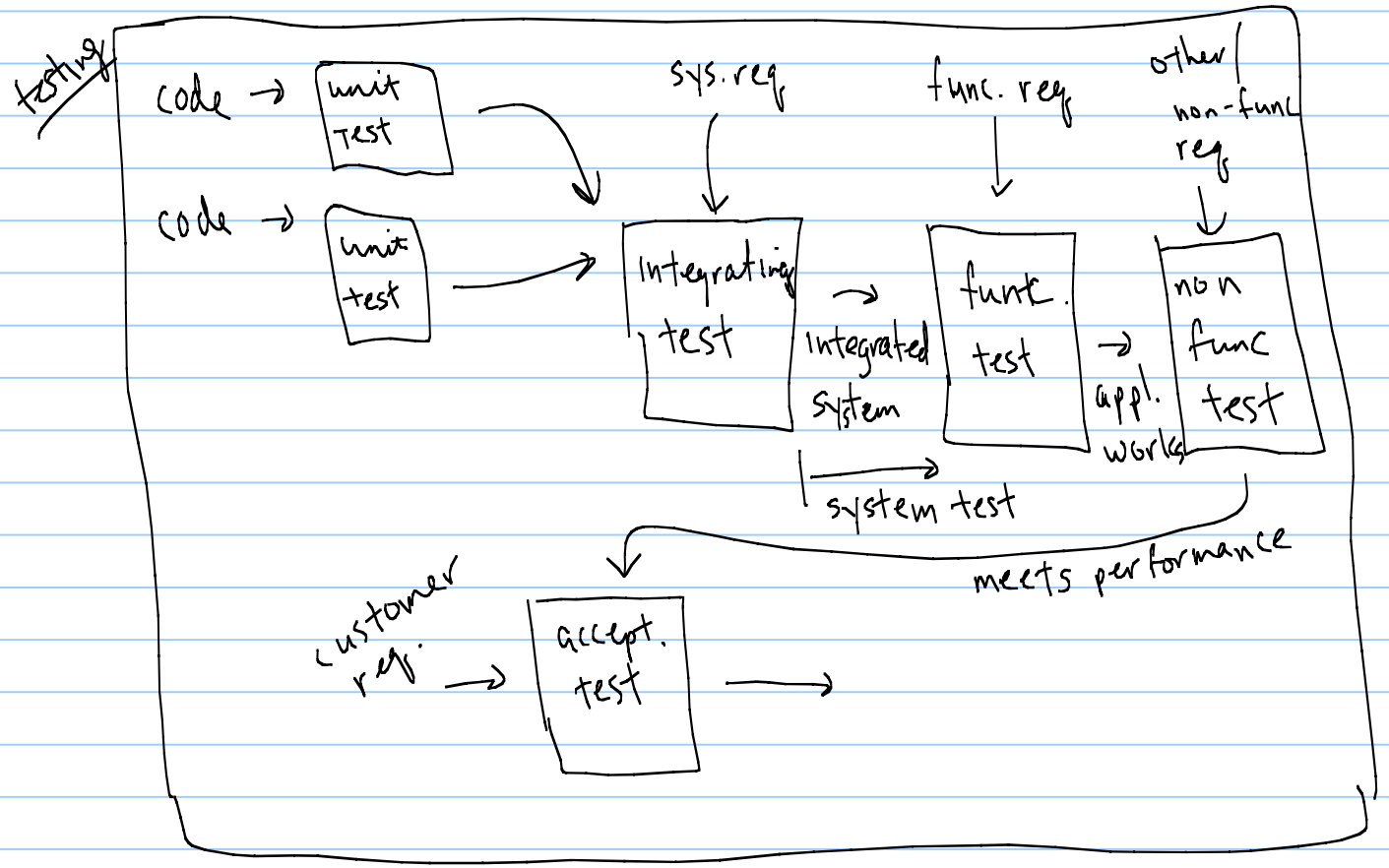
Comp 304 REEHAN SHAIKH

Note Title 1/13/2006



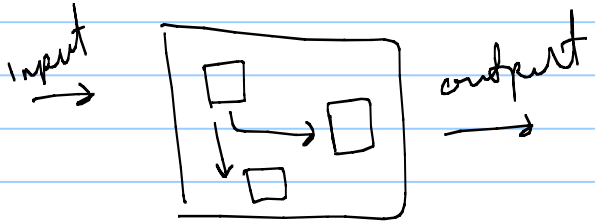
func - does the appl. work?

nonfunc - is it fast enough? performance

Black box testing

what? when?

White box testing



Testing → rel'n b/w input & output. But there are infinite inputs. Can't test all input.

Test coverage → take a few typical inputs. Then use some error cases (extreme inputs). (ie: if appl. expects an integer, give it a string to see what happens)

Statement coverage → make enough test cases such that all stmts in the code of appl. is tested (executed).

Branch coverage → cover all possible branches in appl.
Path coverage → cover all possible combinations of branching

Sanity testing : ie (fromRoman (toRoman (n)) == n