

Assignment 1

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*Introduction to Software Testing (Edition 2): Book by Jeff Offutt and Paul Amman
Exercises Chapter 1, Number 6; Page 14.*

I have worked as a Software Developer in Software Division at Hewlett Packard. As per my thinking the testing maturity for the software product I worked with was Level 2: testing was done to show that software product fails.

The testing team of my software product would conduct tests firstly to show correctness of the software, by implementing several test cases to see correct functioning of all the software modules. Secondly and most importantly they would try to run test cases which were written to check and verify the corner cases or scenarios of the software modules which had highest chance of failure. The testers always approached testing in terms of testing high load, high data volume, exceptional and rare user inputs, exceptional but expected (as per the specifications) software configurations. I think that with this approach the testers were always determined in finding the loopholes or scenarios where software would not behave as expected and thus fail.

Though this internal bug finding approach helped the product team to fix the known bugs and deliver better, less failure prone software, the idea of whether all the bugs in the software were discovered by the testers or not always remained in doubt. There was always a room left of unknown or undiscovered software failure prone areas or bugs, and this room space could never be determined.