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CS 320

Assignment Journal

Static testing Vs. dynamic testing

According to our class book, “Static testing techniques are those techniques that test software and work-products without executing the code”. This means filling and verifying all the requirements of the product in each step without even actually testing. Whereas “. Dynamic testing is the kind that exercises the program under test with some test data”. Dynamic testing works with sample values to test the accuracy of the product.

Both are perfect but dynamic testing is performed before static testing to check the requirements data with some sample data. Before running dynamic testing, we will not be sure about the defects. The dynamic testing while running help reduce the cost of execution and time. We will find the errors before executing the real product. The main difference is that static testing runs after dynamic and dynamic can only be generated when the code is ready to be executed. Both of the testing are really important in performing real world tasks.