# COMP 10066 Week 2 Lect Exam Help Market Project Exam Help Market Projec

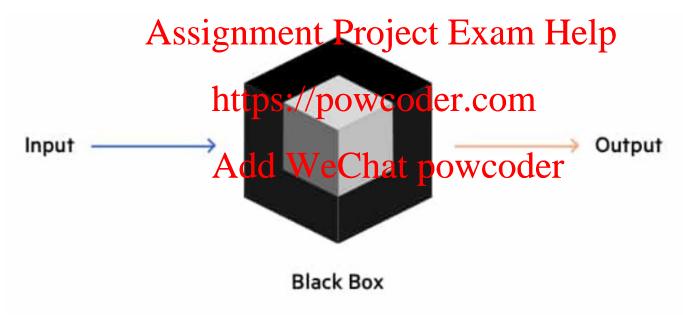
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# **Exploratory Testing**

- Exploratory testing is often thought of as a <u>black box testing</u> <u>technique</u>
- Instead, tho a staightmente Projecter Etxam appear that can be applied to any test technique, at any stage in the development process://powcoder.com
- The key is not the test technique nor the item being tested or reviewed; the key A the above engage perwort the caster, and the tester's responsibility for managing his or her time.

## Black Box Testing

• Testing that is done where <u>access to the program source code is</u> <u>not available and/or needed.</u>



## Black Box Testing

- The test technique is executed by applying an <u>input</u> that will produce a <u>known response that can be evaluated for correctness</u>.
  - · Correctness can be evaluated against either a known (expected) response/result that has been specified in the requirements.
  - OR Confirmed against a known standard response/result.
    - · Independent/Extentions date powcoder.com

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#### Test to Pass

- Normal data that a user would enter into an application.
- User is using the program as expected
  Not in a maising name of the project of
- Normal Data definitions://powcoder.com
   For domain specific applications, the user has knowledge or has been

  - provided with this knowledge.

     Example: Postal coach Canada Capato Cap
    - Application may guide user on normal data
- It is expected that the program will <u>accept AND produce the</u> correct output based on Test to Pass data.

#### Test to Fail

- Data sets that are not acceptable.
- User is not using the program as expected
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   It is expected that the program will NOT accept or use the data
- It is expected that the program will <u>NOT accept or use the data</u> and that it will not impact prior calculated results or impact the <u>program in other ways.</u>
- · An error message of christispenceted der

#### Test Case Outcome / Result

- A test case has a successful or not successful outcome
- Successful Test Case
  - Expected Assisignment Project Exam Help
- Not Successful Test Gase://powcoder.com
   Expected Result does not match the Actual Result

  - Need to investigate and confirm issue

     Leads to more test cases

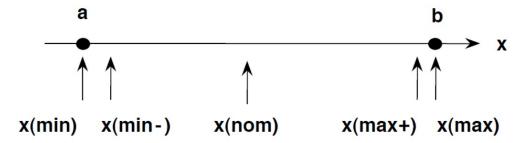
     Leads to more test cases
  - Once issue is confirmed, then a bug would need to be raised
- Both Test to Pass and Test to Fail will have an outcome (Successful or Not Successful)

#### Test Cases

- Each Test Data set (input) will form the basis of a single Test Case.
- · Things to thas signment entroject a Exam Help
  - How many Test Cases do we need?
  - When do we stop https://powcoder.com
  - What do we emphasize?
    - · Test to Pass Add WeChat powcoder
    - Test to Fail

# **Boundary Testing**

- It is not feasible to test every single input value
- Bugs are more likely to occur at the bounds of a input value
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   Example: More likely to have a bug at the bounds of an array
- - try to access arraylength instead of array length-1 to get the last element
- Therefore, when selecting Wale's logistipitis important to test at and around the bounds



# Boundary Analysis and Equivalence Partitioning

- Given a single input, which has a valid range of 1 to 10
- Determine the best values to use in testing, to ensure good data coverage Assignment Project Exam Help
- Don't forget to think of test to pass and test to fail test cases https://powcoder.com

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# Boundary Analysis and Equivalence Partitioning

- Given a single input, which has a valid range of 1 to 10
- Select test data in each partition, at the boundaries Assignment Project Exam Help

