

DOMAIN TESTING





Introduction

2/8

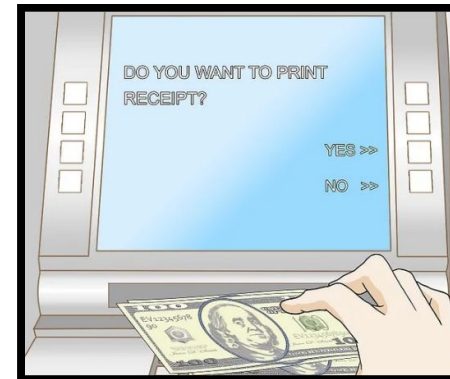
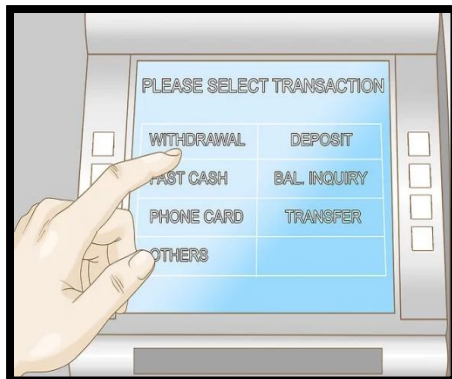
- Domain testing is the ability to design and execute test cases that relate to the people who will buy and use the software.
- Domain testing involves testing the product, not by going through the logic built into the product. The business flow determines the steps, not the software under test. This is also called “business vertical testing”.





Cash withdrawal function in an ATM

3/8



- The focus - more on the business domain to ensure that the software is written with the intelligence needed for the domain.

WHITE BOX TESTING

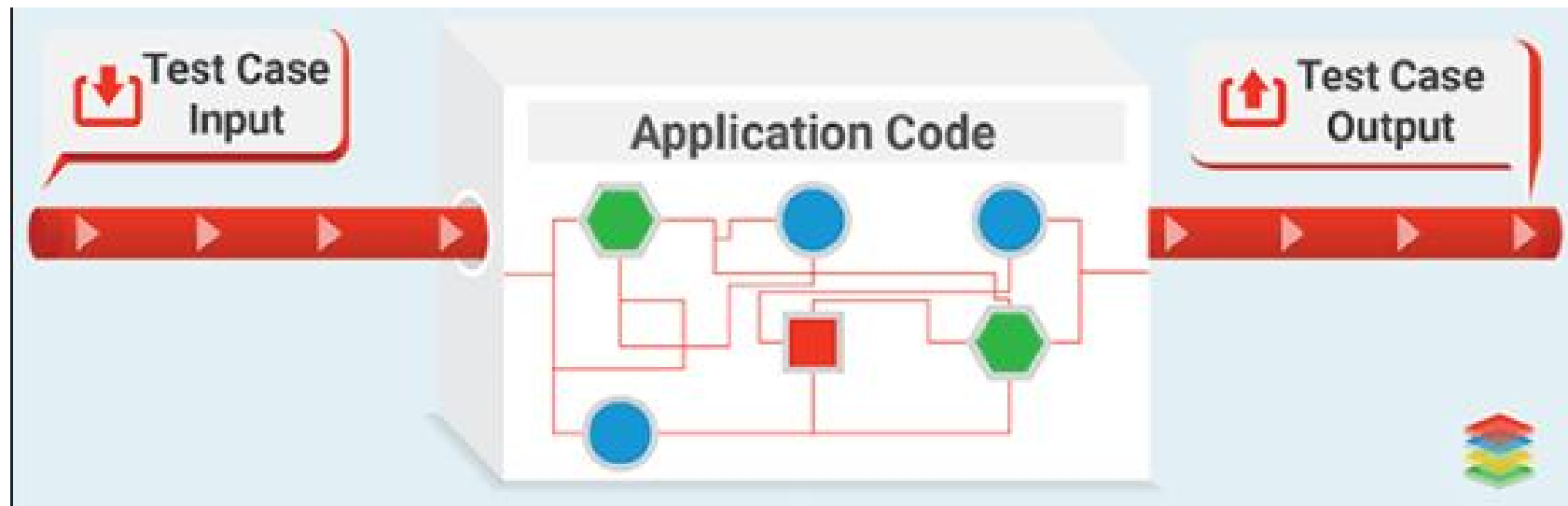




What is it?

5/8

- Determine if all the logical and data elements in the software unit are functioning properly.





Test Adequacy Criteria

6/8

- It is a **stopping rule**
 - Determines if sufficient testing is done that it can stop
- It provides **measurements of test quality**
 - ▣ Degree of adequacy





Test Coverage

7/8

- A test data set is statement, or branch, adequate if a test set T for program P causes all the statements, or branches, to be executed respectively
- Degree of coverage may be less than 100%
 - ▣ The nature of the unit
 - ▣ The lack of resources
 - ▣ Other project-related issues such as timing, scheduling, and marketing constraints



Thank You