**BVA:** Boundary testing is the process of testing between extreme ends or boundaries between partitions of the input values.

So these extreme ends like Start- End, Lower- Upper, Maximum-Minimum, Just Inside-Just Outside values are called boundary values and the testing is called "boundary testing".

**Equivalence Class Partitioning:** Equivalence Class Partitioning is type of black box testing technique which can be applied to all levels of [software testing](https://www.guru99.com/software-testing.html) like unit, integration, system, etc. In this technique, input data units are divided into equivalent partitions that can be used to derive test cases which reduces time required for testing because of small number of test cases.

**Decision Table Testing:** Decision table testing is a software testing technique used to test system behavior for different input combinations. This is a systematic approach where the different input combinations and their corresponding system behavior (Output) are captured in a tabular form.

**State Transition Testing:** State Transition Testing is a black box testing technique in which changes made in input conditions cause state changes or output changes in the Application under Test(AUT). State transition testing helps to analyze behavior of an application for different input conditions. Testers can provide positive and negative input test values and record the system behavior.

**Use Case Testing:** Use case testing is a technique that helps to identify test cases that cover the entire system, on a transaction by transaction basis, from start to finish. It is a description of a particular use of the system by a user.