**Grey Box Testing**

It is a **combination of black box and white box testing.**

Grey Box Testing

**Techniques -**

* **Matrix Testing:**This testing technique involves defining all the variables that exist in their programs.
* **Regression Testing**: To check whether the change in the previous version has regressed other aspects of the program in the new version. It will be done by testing strategies like retest all, retest risky use cases, retest within a firewall.
* **Orthogonal Array Testing or OAT**: It provides maximum code coverage with minimum test cases.
* **Pattern Testing:** This testing is performed on the historical data of the previous system defects. Unlike black box testing, gray box testing digs within the code and determines why the failure happened