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| **Experiment 1:** Implement all techniques of Black Box-Testing, White Box Testing taking your Mini  Project as the Context System. |
| **Solution:**  **Q.) What is Software Testing?**  Software testing is a process, to evaluate the functionality of a software application with an intent to find whether the developed software met the specified requirements or not and to identify the defects to ensure that the product is defect-free in order to produce a quality product.  There are different methods that can be used for software testing.  **Black-Box Testing**  The technique of testing without having any knowledge of the interior workings of the application is called black-box testing. The tester is oblivious to the system architecture and does not have access to the source code. Typically, while performing a black-box test, a tester will interact with the system's user interface by providing inputs and examining outputs without knowing how and where the inputs are worked upon.  The following table lists the advantages and disadvantages of black-box testing. |

{Name} {En.no} Software Testing [01IT0702]