In today's business world, software is everywhere and its quality is becoming fundamental. Along with this, the knowledge of the importance and benefits of software testing is increasing. Testing not only improves the quality of the software but also helps measuring its reliability. With this in mind, now we should pay attention to what makes our code easier to test. As each project is unique, there is no such thing as "the best method for testing". However, software testing best practices can ease our work. Several researches have been made about this topic and testing experts have shared their insights. Dependency injection is said to improve testing since it enables mock practice to perform testing in isolation. This paper aims to discover whether the assertion holds. For this purpose, an analysis of various java projects will be performed in search of a relationship between the use of the principle and how the class is being tested.