Unit Testing	System Testing
It is a type of testing that is performed on individual units or components of the software	It is a type of testing that is performed on the entire software system
It is usually performed by developers as part of the coding process	It is usually performed by a separate quality assurance team or testing team
Its goal is to identify defects in individual units of the software, such as functions, methods, or classes	Its goal is to identify defects in the integration and interaction between different components of the software system
It is a white-box testing technique, which means that the tester has access to the internal structure and code of the software	It is a black-box testing technique, which means that the tester does not have access to the internal structure and code of the software
It is usually automated using unit testing frameworks and tools, such as JUnit, NUnit, or PHPUnit	It is usually performed manually or using automated testing tools such as Selenium or Appium
Its scope is limited to individual units of the software	Its scope is broad and covers the entire software system
It is performed early in the software development life cycle	It is performed later in the software development life cycle, after unit testing and integration testing