**What is Software Testing?**

The process of evaluating, verifying, and validating that a software product or application meets all requirements and does what it is supposed to do. This process must be continuous throughout all phases of the product/project life cycle.

**What are the dangers of release untested Software?**

* Damage brand’s reputation – lost customers
* Architectural flaws
* Poor design decision
* Poor quality of the product
* Invalid or incorrect functionality
* Security vulnerabilities
* Scalability issues
* Lost money - uncovers bugs, incidents, issues, etc. when the product is in production

**Types Of Software Testing:**

* **Functional Testing:**
  + **What is Functional Testing?**

It is the software testing that ensures a software system works according to its given specifications. The main goal is to test the functional aspects of the application’s software by providing the input and verifying the output based on requirements. It checks the APIs, security, client/server communication, database, UI, etc.

* + **Give 3 examples.**

* **Non-Functional Testing:**
  + **What is Non-Functional Testing?**

It is the software testing that assesses application properties that aren't critical to functionality but contribute to the end-user experience, like performance and reliability under load.

* + **Give 3 examples.**