**What is QA?**

* QA is a systematic Process that ensure the product or services meets the specific requirements and is free of defects before its reach the end user.

**Focus:**

* Its focused on preventing defects by improving the development process.

**Importance:**

* Build the user/customer trust by delivering the high-quality software.
* Reduces costs associate with fixing defects later.
* Ensure the software is **reliable, secure and user friendly.**

**2. Differences between QA, QC and Testing**

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| --- | --- | --- | --- |
| Aspect | Quality Assurance (QA) | Quality Control (QC) | Test |
| Focus | Process Oriented (Prevention of Defects) | Product Oriented (finding Defects) | Execution Oriented (Issuing defects) |
| When | Proactive (Throughout on HDLC) | Reactive (Post development) | During Test face and earlier |
| Goal | Improving process by delivering Quality | Verify the meets the standard | Find and fixing issue in the product |