What is Software Testing?

- Software testing is the process of analyzing a software item to detect the differences between existing and required conditions and to evaluate the features of the software item." – Institute of Electrical and Electronics Engineers (IEEE)
- There are many recognized testing techniques and methodologies available, each with their own specific purpose and focus.
- The International Organization for Standardization (ISO) has created <u>ISO 29119</u> that incorporates testing standards from the most prominent standards organizations (<u>ISO, IEEE, IEC, BSI, ITIL, NIST</u>, <u>ANSI</u> and <u>PMI</u>) into one internationally-agreed-upon testing framework.



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