



# Fault, Error and Failure

Uncategorized |

.. Continuing the *Beginners Guide to Software Testing series*

**Fault** : It is a condition that causes the software to fail to perform its required function.

**Error** : Refers to difference between Actual Output and Expected output.

**Failure** : It is the inability of a system or component to perform required function according to its specification.

## IEEE Definitions

- **Failure**: External behavior is incorrect
- **Fault**: Discrepancy in code that causes a failure.
- **Error**: Human mistake that caused fault

## Note:

- **Error** is terminology of Developer.
- **Bug** is terminology of Tester

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