A software bug is an error, flaw or [fault](https://en.wikipedia.org/wiki/Fault_(technology)" \o "Fault (technology)) in [computer software](https://en.wikipedia.org/wiki/Computer_software" \o "Computer software) that causes it to produce an incorrect or unexpected result, or to behave in unintended ways.

Most bugs arise from mistakes and errors made in either a program's [design](https://en.wikipedia.org/wiki/Software_architecture" \o "Software architecture) or its [source code](https://en.wikipedia.org/wiki/Source_code" \o "Source code), or in components and [operating systems](https://en.wikipedia.org/wiki/Operating_system" \o "Operating system) used by such programs.

Prepare good Test Cases before starting with testing.