Section 18: Debugging and Unit Testing

15 July 2021   19:23

Section 18: Debugging and Unit Testing

Debugging :-
Debugging can be done using **breakpoints** and **watchpoints**. Makes it very easier to detect what's the problem is in the program.

We can use a **watchpoint** to stop execution whenever the value of an **expression changes**, without having to **predict a particular place** where this may happen.

A **breakpoint** indicates a line of code or program at which you want the **execution of an application to pause**, a **watchpoint** indicates a **data** item whose **change in value** causes the execution of your application to pause.

Unit Testing :-
One of the important phases in the application development lifecycle is the testing phase.
There are several types of testing, one of them is unit testing which is usually done by developer or development team. When working with java a unit usually refers to a method.

J unit is a popular testing framework that we can use to run unit tests (Can run automated tests on our code).

Parameterized Testing :-
To run bunch of tests on the same method