Day 10: 6 Oct 2024

Testing :

Testing is use to check bugs or error in the application.

If we run the application using console or browser or using some tool.

Indirectly we are testing the code.

Main method

int a=10,b=20;

int sum = a+b;

Display b;

public int add(int x, int y) {

int sum = x+y;

return sum;

}

Testing is use to test my function functionality with main method or main function.

Testing mainly divided into two types.

Black box testing

Input **Process** Output

Input

<http://www.gmail.com>

emailid : [admin@gmail.com](mailto:admin@gmail.com)

password : admin@123 success

actual value and expected value must be match then we can say test is pass.

White box testing

Input **Process** Output

We need to write the code using that language to do the testing.

Unit testing : Unit testing is a type of software (whit box testing). Which help to test smallest code which written in method or function. It is use to test function functionality working or not.

Junit : Junit is an open source framework which help to do the unit testing in Java.

Nunit : .net

Angular : Jasmine

React JS : Jest

Node JS : Mocha with Chai