**Soft and Hard assertions on test cases**

**Assertions:**

* Assert is a class which has multiple methods to compare two values. The parameter structure is as follows
  + (value1, value2)
* Value1 is compared with value2 and throws error if the values are not same

There are two types of assert:

* + Hard assert
  + Soft assert

**Hard Assert**

Hard assert stops the execution of the program and throws error if the values compared are not same. This is enabled by default.

The program gets terminated and rest of the code is not executed.

**Soft Assert**

The whole program gets executed regardless of the same values or not. Then at the end it throws all the errors.

Let us take an example to explain hard and soft assertions

Hard assert:

Public class hardassert{

Public void testone(){

assertEquals(“hi”,”hello”);

System.out.println(“hard assert ends”);

}

}

The program throws error. And the print statement is not executed.

Soft Assert:

Public class softassert{

Public void testone(){

assertEquals(“hi”,”hello”);

System.out.println(“soft assert ends”);

}

}

The program is executed and the output shows “soft assert ends”. And the program throws an error.