**WAIT:**

Thread.sleep(5000); // static wait

Wait or Synchronization // dynamic wait

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**Implicit wait - Full Page / global wait**

It will tell to the webdriver to wait for a certain time

before throwing no such element exception.

Make all the webelement in the page will load.

Syntax :

driver.manage().timeouts.implicitlywait(30, TimeUnit.SECONDS);

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**Explicit wait – Particular element/ Local wait**

It will tell to the webdriver to wait for a certain conditions (or) maximum time before

throwing Element not visible exception,

Syntax :

WebDriverWait wait = new WebDriverWait (driver,30);

wait.until(ExpectedConditions.visibilityOf(element));

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**Fluent wait:**

it will tell to the webdriver to wait for a condition as well as frequency.

Frequency -> Regular interval of time.

Syntax :

Wait<WebDriver> wait = new FluentWait<WebDriver>(driver)

.withTimeout(30, TimeUnit.SECONDS)

.pollingEvery(5, TimeUnit.SECONDS)

.ignoring(NoSuchElementException.class);

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Differences :

Implicit wait Explicit wait

Applicable for all Elements Applicable for only specified element

no specific conditions Separated Condition