* **Unchecked exception:** ClassNotFoundException, FileNotFoundException, NoSuchField/MethodException.
* **Checked Exception:** ArithmeticExcpetion, ArryIndexOutOfBoundException, StringIndexOutOfBoundException, NullPointerException, NumberFormatException, ClassCastException.

**Try Block: Java try block is used to enclose the code that might throw an exception.**

**Catch Block: Java catch block is used to handle the exception by declaring the type of exception within the parameter.**

**Finally Block: You should place those statements in this block that must be executed always. Basically, file close, database connection etc. can be closed in finally block. Finally block will not be executed if program exits (either by calling System.exit).**

**Throw: Java can't create each and every exception. That time I can create my own exception by throw keyword. It created by "add throws declaration" or "surround with try-catch block".**

**Throws: Used to handle the exception but we don't report anything, there is no option for report anything. The "throws" is used to throw an exception for a method.**

***NoSuchElementException:*** Provided an incorrect location & trying to find the web element. Use try-catch block or wait.

***ElementNotVisibleException:*** You might have taken xpath that is matching with more than 1 element. If you trying to access some particular element on web page that is not currently visible. **Solution:** Write unique xpath and use explicit wait, wait till the element is visible. ***WebDriverException***: **Exception comes when a code is unable to initialize WebDriver.**

***ElementNotSelectableException:*** Element is loaded into the DOM, but position is not fixed on the UI ==> Chromedriver always try to click the middle of the element ==> It mostly happens in chrome. **Solution: use JavaScript executor.**

***Timeout Exception:*** Timeout Exception occurs when a command completion takes more than the wait time. **Solution:**

We can manually check the average time for a page to load and adjust the wait or we can add explicit wait using JavaScript executor until the page is loaded.

***NoSuchWindowException, NoSuchFrameException, InvalidSelectorException, StaleElementReferenceException (try-catch), NoAlertPresentException, NoSuchSessionException, NoSuchAttributeException, ElementNotClickable***