

21. How can we move to nth child element using xpath?

- **There are two ways:**
 - using square brackets with index position
For ex: `div[2]` will find the second div element
 - using position () method
For ex: `div[position()=2]` will find the second div element

22. Difference between xpath and css selector?

- with xpath, we can search elements backward or forward...
while css works only in forward direction
- Xpath can work with text, css cannot work
- Xpath has more combination and can search by index
css cannot search by index, but css is working faster than xpath.

23. What is framework?

- In test automation, framework is the blueprint of test automation.
- It includes your folder structures, where to save you function library, test results, test data, resources.
- It is essential because when you are working on a automation project everyone will have a guideline to follow and our script will be easier to maintain.

24. Talking about HTML reporting during the interview?

- I use multiple methods of reporting in my framework, driver script writes pass/fail to the test cases excel sheet,
- Reporter utility object writes to UFT report, also I have developed a custom HTML reporting engine.
- It sends HTML code to the Notepad and creates a nice HTML report document that nontechnical people can easily understand and use.

25. How to maximize a web page?

```
driver.manage().window().maximize();
```

26. In some cases, maximize() will not work > so what will be the way around?

- Actions or change version.

```
ChromeOptions options = new ChromeOptions();  
options.addArguments("startmaximized");
```

27. What is the key class in Selenium?

- Gives us option for pressing keys from keyboard
- `Key.ENTER`
- MUST BE PASSED TO `SendKeys()` method
- Ex: `.sendKeys("charger" + keys.ENTER)`

28. What if there is a dynamic popup that comes up randomly

- Use try/catch with alert

29. What is `Thread.sleep()`?

- Slows down selenium to catch up
- Throws exception so must handle it or throw it