

FindElements



**How to find
a kid in a
school?**

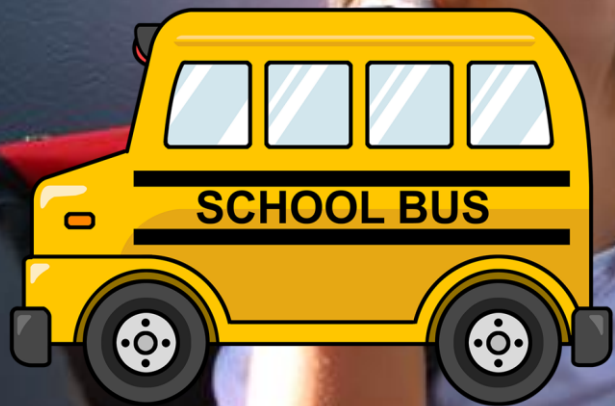
findElement

Scenario

I became a class teacher for the school kids of Section A of 4th Standard

- I want to locate the kids; wherever they are – park or school bus?
- I want to buy them ice creams







Understanding!!!

- What do you do when you have find a bunch of kids?
 - Use common details that matches the kids
 - Using those information, find the kids

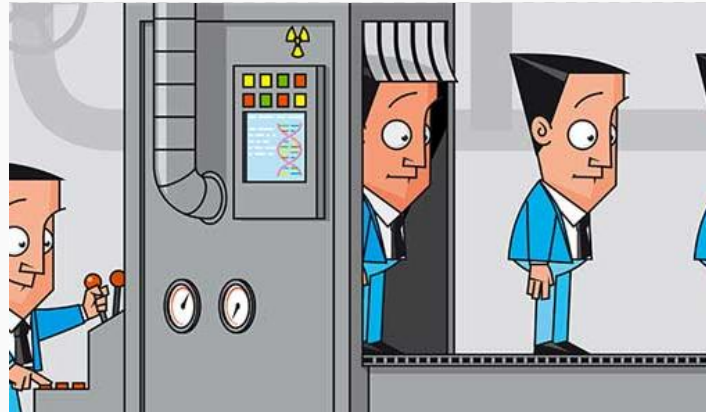
List



List



ORDERED



DUPLICATE



Web Applications

Locators

id	name	linkText
className	tagName	Partial LinkText
xpath	css	

Understanding!!!

- What is common details means ?
 - The locators (all locators same of findElement)

```
driver.findElementById("idhere");
```

```
driver.findElementByName("name");
```

```
driver.findElementByLinkText("links");
```

Understanding!!!

- What does findElements return?
 - List<?>
 - List<WebElement>

```
List<WebElement> allQuotes =  
driver.findElementsByLinkText("Get A Quote");
```

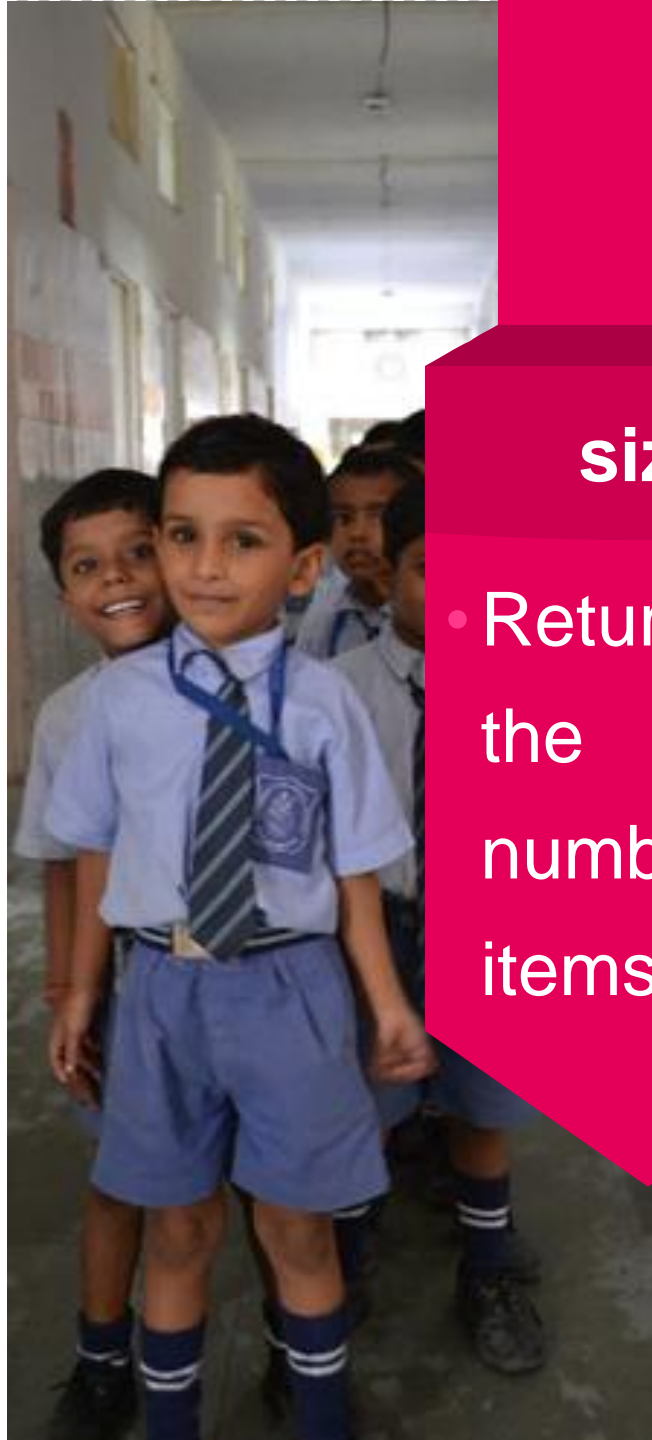

List Methods



get(index)

- Returns the item at that index

List Methods



size

- Returns the number of items

Understanding!!!

- How to know how many Get A Quote links are there?
 - List<WebElement>
 - size

```
List<WebElement> allQuotes =  
driver.findElementsByLinkText("Get A Quote");  
allQuotes.size();
```


Understanding!!!

- How click on the first Get A Quote link?
 - List<WebElement>
 - get(index)

```
List<WebElement> allQuotes =  
driver.findElementsByLinkText("Get A Quote");  
allQuotes.get(0).click();
```

Understanding!!!

- How click on the last Get A Quote link?
 - List<WebElement>
 - size
 - get(size-1)

```
List<WebElement> allQuotes =  
driver.findElementsByLinkText("Get A Quote");  
int count = allQuotes.size();  
allQuotes.get(count-1).click();
```

Class Work

1. Access <https://www.facebook.com/>
2. Find out how many links are available
3. Click on the first link