

## Cognizant interview questions:

### 1. Difference between window and alerts?

#### ALERTS:

If we click a login or any button one pop-up will show like OK or Cancel.

If we click OK or Cancel, then only it will move to home window

It has 3 types,

1. Simple Alert
2. Confirm pop-up
3. Prompt pop-up

#### WINDOW:

if we click login button, one separate window will open.

We have to switch from parent window to child window then only we can automate

Using window handling method we can switch

```
public class Dummy9{  
  
    public static void main(String[] args) throws InterruptedException {  
        System.setProperty("webdriver.gecko.driver",  
  
"C:/Users/siva/workspace/Selenium/driver/geckodriver.exe");  
        WebDriver driver = new FirefoxDriver();  
        driver.get("https://www.hdfcbank.com/");  
        driver.findElement(By.xpath(".*[@id='cee_closeBtn']/img")).click();  
        String parentWindowId = driver.getWindowHandle();  
        System.out.println("Parent Window ID:" + parentWindowId);  
        driver.findElement(By.id("loginsubmit")).click();  
        Set<String> allWindowId = driver.getWindowHandles();  
        for (String x : allWindowId) {  
  
            if (!parentWindowId.equals(x)) {  
                System.out.println("Child Window ID:" + x);  
                driver.switchTo().window(x);  
                Thread.sleep(3000);  
  
                driver.findElement(By.xpath("html/body/div[4]/div[2]/div[1]/a"))
```

```

        .click();
        driver.manage().window().maximize();
        Thread.sleep(2000);
        driver.switchTo().defaultContent();
    }
}
Thread.sleep(3000);
driver.quit();
}

```

## 2. How will you take screenshot??

### SCREENSHOT:

Takescreenshot → interface

#### Example program:

```

public class Dummy {
    public static void main(String[] args) throws IOException {
        System.setProperty("webdriver.gecko.driver",
            "C:/Users/siva/workspace/Selenium/driver/geckodriver.exe");
        WebDriver driver = new FirefoxDriver();
        driver.get("https://www.facebook.com/");
        driver.findElement(By.id("email")).sendKeys("Hello");
        //screenshot declaration
        TakesScreenshot tk=(TakesScreenshot) driver;
        File f = tk.getScreenshotAs(OutputType.FILE);
        File f1=new File("F:/facebook.png");
        FileUtils.copyFile(f,f1 );
    }
}

```

## 3. What are all the possible locators in selenium?

- Id
- Class
- Name
- Xpath
- Link
- Partiallinktext
- Linktext

#### 4. Difference between partial link text and link text?

##### **linkText:**

In linktext we take all text in the locator

```
WebElement web = driver.findElement(By.linkText("Product Category"));
```

##### **partialLinkText:**

In the partial link text we take partially in the text

```
WebElement web = driver.findElement(By.partialLinkText("Category"));
```

#### 5. Assume, in a web page 10 text box is there with same name. You need to get the value from 5th text box. How will you do?

- We first find the locators of the text box.
- We will get 10 matching nodes because of same name in all text

```
List<WebElement> s=driver.findElements(By.xpath(" "));
```

- Using for loop, iterate the web element

```
For(WebElement x: s) {  
    }
```

- In the for loop using if condition we get the particular text box