*Follow up questions:*

5.If you were asked to implement all the tests of sign up page, list out the tests:

* You would implement
* You would not implement and the reasons

I would implement Functional and Non Functional test cases like –

* Check the Sign Up button is clickable or not
* Check if the registration goes ahead if few fields are left blank
* Check if I can Sign Up with the correct details
* Check character requirements for each field
* Check Email ID and password validation
* Check all the links (related to Sign Up page) are working or not
* Validate text on the Sign Up page
* Check if error is present when the user is already registered

I would not implement –

* Test for the ‘Navigation Menu’ at the top of the page
* Test for the ‘Chat bot’
* Check Sign Up through Facebook
* Check Sign Up through Google

Reason – I would not test these processes. I would only test the links for these menus as a part of the sign up page as we are using POM and these links take us to a new page all together. I would treat it as a separate test scenarios and test it by considering it as separate pages.

6.If the Google Recaptcha exists, what will you do to unblock the sign up automation tests and further tests after successful registration

* Firstly, the re-CAPTCHA can be disabled by developers for the testing environment as it cannot be automated, the sole purpose of re-CAPTCHA is to avoid any automation.
* Secondly, it can also be handled by adding Site key and Secret key to the testing environment as mentioned on Google developer’s FAQ page and all the verification requests will pass.

7.If you had to run the Sign Up test flow 100 times, each using a different email, what would you do to run the test efficiently?

* I would implement data driven approach using Excel for storing the data of 100 users. The data can be accessed using @DataProvider annotation offered by TestNG and Java Iterator to iterate through the excel rows.
* To run the test efficiently, I will use @DataProvider (parallel=true) and give data-provider-thread-count as required in the testng.xml.

8.What else would you verify to make sure that the account has signed up successfully?

* I can check the title (getTitle()) of the new Page that is opened and validate it with the expected title.
* I can check if a certain element is visible. (which is available on the new page only).