# QA role at Huddle – Written Questions

Please answer as many of these as you **can** and send back to our recruitment team.

We will have a chat about your answers during the face-to-face interview sessions.

1. What are the qualities that a good tester should have and why?

* Good Communication Skills - In order to interact with BA, developers, good communication skills is required so that the tester understands and comprehend the requirements as well as explain his findings.
* Creative- So that a tester can think beyond the requirements and create extensive testing scenarios.
* Self Confidence - This will thrive a tester to explain his findings to team even though its not mentioned in requirements
* Perseverance – No Give up attitude is required in testing when there are lot of scenarios to test and specially when there is multiple round of testing.

1. A developer on your team hands over some functionality to test. While testing you find an unusually large amount of bugs. Thinking ahead, what could you do to prevent this from happening in the future?

Unit testing done by developer need to be documented as it will reveal the coverage of unit tests and actual status when tests were performed.

1. What is cross-browser testing? How do you decide the extent of functionality that has to be tested cross-browser?

Cross Browser Testing is a process to test web applications across multiple browsers. Cross browser testing involves checking compatibility of your application across multiple web browsers and ensures that your web application works correctly across different web browsers. Its generally required for application which are used by the end users or mobile applications.

All the testing scenarios need to be tested at-least in one browser and set of critical/important scenarios requires to be tested on other browsers.

1. Do you follow any blogs or attend community events? How do you get updated about testing and software development practices?  
   Sometimes I do refer to Reddit forum to catch up with selenium related updates.
2. Imagine you are a QA on a team building a mobile application. You have no automated tests and everything is checked manually. If you were asked to automate some of the tests in your regression suite, how would you decide which automation framework and language to choose?   
     
   Based on the tests to be automated in iOS and Anderiod platform, I need to do POC on latest tools available in market. As “Appium” is free open source testing framework for mobile testing, I will give it a go and then need to analyse the time taken to get going and also the coverage provided by it. Based on these parameters I will decide whether to choose any other tool or stick with it.
3. In a language of your choice (JavaScript, C#, Python, C++ etc.), write a method that prints to screen all the integers between 1 and 100 except the ones between 40 and 60 (inclusive).
4. public class PrintNumbers {

public static void main(String[] args) {

for (int i = 1; i <= 100; i++) {

if (i < 60 || i > 80) {

System.out.println(i);

}

}

}

}

1. What is class inheritance and can you give an example showing how it is useful?

Inheritance can be defined as the process where one class acquires the properties (methods and fields) of another. With the use of inheritance the information is made manageable in a hierarchical order. We can achieve code reusability though it. Eg. There are multiple test cases which require opening browser and then do some actions and then close the browser. Now if we create a class ‘Base Class’ which opens and closes the browser and other classes e.g. ‘Login’, ‘Enter Details’ inherits ‘Base Class’. Now we don’t have to repeat the code of opening and closing browser in each classes as its handled in ‘Base Class’

1. In a language of your choice (Python, C#, JavaScript, C++ etc.), provide a Selenium solution to implement the following test:
   1. Given I am a user of Huddle
   2. When I launch into <https://uk.ask.com>
   3. And Search for the key words “Huddle content collaboration"
   4. Then I should be able to see the key words “Collaboration Software” in the search results

* Incomplete solution is fine 🙂 If you can comment you code/ pseudo-code along the way so as we can review your approach)
* In the readme, let us know if you had more time, what might you do to in addition?
* Zip your solution and send it to us along with this document’s answers; alternatively upload to GoogleDrive or Github and sending us the links are also welcome!