BLAZING BOOST SELF-TEST

Greetings! Thanks for your interest to our vacancy.

Please, answer on our questions. We want to be sure that you are the one before talk with you directly.

Try to write short, clear and meaningful answers.

**WEB**

1. Describe in details what happening right after you have entered url in address bar.
2. How works client-server application?

**PHP**

1. Is PHP interpreted or compiled language?
2. What is internal pointer of an array?
3. How to sort two-dimensional array by two values using one line of PHP code?
4. Which native functions used for user input sanitization?
5. What difference between abstract class and interface?
6. What difference between builder and factory pattern?

**ZEND**

1. How to check if user logged in using one line of code?
2. How to create absolute link using route name?
3. How to pass variable to layout view?
4. How to get current database instance from controller without model using one line of code?

**MySQL**

1. How looks relational database?
2. Where can I see all queries to database?
3. Explain first three database normalization forms (and in which cases better don’t use them).
4. How work column indexes?

**JavaScript**

1. Why JavaScript source file usually wrapped in a function block?
2. What is closure? What typical usage of it?
3. What is NaN? How can you test if value is equal to NaN?
4. Difference between prototype and \\_\\_proto\\_\\_ properties?
5. Does classes exist in JavaScript? How can I define class or emulate it?

**CSS**

1. Write selector to element with class ```.menu``` and without class ```.opened```
2. Which selector responsible for neighbouring elements?
3. Difference between position relative, absolute, fixed?
4. List all possible ways to hide element on page.

**HTML**

1. How to send file to server using HTML5? Give an example.
2. What meaning of script tag attributes: defer and async?
3. Create simple and valid HTML5 page with drop-down menu using only CSS3 that works on mobile devices also.

Please, send your answers back to me and we will try to evaluate it and give you the feedback as soon as possible.

Thank you!