

Javascript interview questions:

1. What is the difference between == and ===?

2. What is "strict" mode?

In JS, you enable strict mode by putting "use strict"; at the beginning of the file. Strict mode enables more rigorous error-checking in your code and makes debugging easier. using an undeclared variable is not allowed in strict mode

3. What are the primitive data types in JS?

A primitive data type in JS is data that is not an object and that has no methods. Here is the list of primitive data types in JS:

- Boolean
- Null
- Undefined
- Number
- BigInt
- String
- Symbol

4. What is a callback function? Why Promises is better?

Callbacks are simply functions that you intend to call at some later time. They are most often used when you have to wait for something (e.g. response from the API). But, callback-based code was too complicated and that is why Promises were introduced

```
// the function itself
```

```
function getData(callback, errorCallback) {  
  try {  
    // Do some network/api stuff...  
    callback(result)  
  } catch (e) {  
    errorCallback(e);  
  }  
}
```

```
// Here is how you would use it:
```

```
getData(result => console.log(result), error => console.error(error));
```

```
// Here is how to create a Promise-based function from it:
```

```
function getDataAsync() {  
  return new Promise((resolve, reject) => {  
    getData(resolve, reject);  
  });  
}
```

```
getDataAsync()
```

```
.then(result => console.log(result))
```

```
.catch(error => console.error(error));
```

```
// OR
```

```
async function main() {  
  const result = await getDataAsync();  
  console.log(result);  
}
```

```
}
```

5. Did you familiar with ECMA Script 2015? What is the main features? (you can name few, not all of them)
6. What is the difference between var, let and const?
7. What kind of loops are in JS?

HTML interview questions:

1. What is HTML?
2. Do we need to have closing tag for each tag in html?
3. What tags are used to make a form?
4. What tags are used to make a table?
5. What is the different way to to make a table? Which way is prefer: <table>, <tr>, <td>,.. or <div>?
6. What features of HTML5?
Semantic tags: <nav> <article> <aside> <section> <header> <footer>...
new form controls: <email><data><time><url><calendar><search>
support for embedded media: <audio><video><canvas>

CSS interview questions:

1. What is the CSS box-model?
2. How you can add styles to a page?
3. Did you familiar with Bootstrap? What is it?
4. How to make overriding styles?
5. What is the difference between display:none and visibility:hidden?