1)Explain Behavior Driven Development and how it is “three things in one: testing, documentation, and examples”

In Behavior Driven Development we write tests that define what a function is supposed to do before we implement the function.

The spec can be used in three ways:

As **Tests** – they guarantee that the code works correctly.

As **Docs** – the titles of describe and it tell what the function does.

As **Examples** – the tests are actually working examples showing how a function can be used.

2)What is the purpose of JS Doc?

JSDoc takes JavaScript code with /\*\* \*/ comments and produces HTML documentation for it

3)What is the ‘one test tests one thing’ principle?

Making tests separate is useful to get more information about what is going on, so the second variant is better.

If we look at the test and see two independent checks in it, it’s better to split it into two simpler ones.

The principal difference is that when assert triggers an error, the it block immediately terminates. So, in the first variant if the first assert fails, then we’ll never see the result of the second assert.

Object Review Answer

2. How are primitives different from objects?

-primitive data types contain only a single thing. We can assign the value in the variable.

-objects store keyed collections of data and functions. We can not assign the value in the variable instead the value of the variable is the memory (reference) address of the object.