

Task 1 [10 points]

Please add a **T** for “true” or **F** for “false” in the [] preceding each statement.

- ☐ JavaScript is single-threaded.
- ☐ All values in JavaScript are “compared by reference.”
- ☐ The logical operators `&&` and `||` of JavaScript always result in a boolean (either “true” or “false”).
- ☐ JavaScript does not have a float type. Instead, there is a primitive type called “number.”
- ☐ JavaScript is weakly-typed.
- ☐ The result of `1 / 0` strictly equals to the result of `2 / 0`.
- ☐ Variables in “SharedWorker” can be shared between parties having access to the worker.
- ☐ A “Promise” has two states: “fulfilled” and “rejected”.
- ☐ JavaScript built-in functions, e.g., `Object.prototype.toString`, can be redefined.
- ☐ React uses two-way data binding to sync data throughout the app no matter where it is updated.