First Class Function

A programming language is said to have a first-class function when functions in that language are treated like another variable. For example, in such a language, a function can be passed as an argument to another function, returned by another function, and assigned as a value to the variable.

# Passing a function as an argument

function sayHello() {

return "Hello, ";

}

function greeting(helloMessage, name) {

console.log(helloMessage() + name);

}

// Pass `sayHello` as an argument to the `greeting` function

greeting(sayHello, "JavaScript!");

// Hello, JavaScript!

## Returning a function

function sayHello() {

return () => {

console.log("Hello!");

};

}