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**Types of functions in typescript**

**In JavaScript only function name must be match doesn’t matter number of parameter as well as type of parameter.**

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**In JavaScript normal function can return any type of value as well as not mandatory to return the value.**

**function info() {**

**//return 10;**

**//return “Welcome”;**

**//return true;**

**}**

**Optional parameter**

**We can use more than one optional parameter but the declaration of optional parameter from right to left. If we want to we can declare all variable as optional parameter and 1 or more than one but no mandatory parameter between two optional parameter.**

**Default initialization**

**Same rules as optional parameter. Different optional parameter default value is undefined default initialization default value we can assign.**

**Rest operator or parameter : it is type of array which is use to receive 0, 1 or many parameter.**

**Like var arguments.**

**In one function we can use only one rest operator and it must last parameter in function.**

**From ES6 onward we can achieve OOPS concept using class.**

**In JavaScript we can create user-defined object 3 style.**

1. **Literal style**
2. **Function class**
3. **Class style**

**In typescript and JavaScript if we want to create the constructor we have to create function with name constructor.**

**In JavaScript ES6 style or typescript we can’t write more than one constructor. We can write only one constructor it can be empty or parameter.**

**In typescript we can use access specifier (private or public) with constructor variable to make the variable as a instance variable.**