

9. Method Overloading

- Object-oriented languages like Java or C++, method overloading allows a class to have multiple methods with the same name but different parameters.
- However, in JavaScript, there's no direct support for method overloading in the traditional sense.
- Yet, you can simulate method overloading by examining the number of arguments passed and then deciding how to handle them within the function.

```
class MyClass {  
  myMethod(param1, param2) {  
    if (arguments.length === 1) {  
      console.log('Received one argument:', param1);  
    } else if (arguments.length === 2) {  
      console.log('Received two arguments:', param1, param2);  
    } else {  
      console.log('Invalid number of arguments');  
    }  
  }  
}  
  
const obj = new MyClass();  
obj.myMethod(10);  
obj.myMethod(20, 30);
```

#JavaScript_OOP