

## CLASSES AND OBJECTS :

A javascript object is an entity having state and behavior (properties and method)

JS objects have a special property called prototype.

We can set prototype using `__proto__`

- If object and prototype have same method, object's method will be used

### CLASSES :

Class is a program-code template for creating objects.

Those objects will have some state(variables) & some behavior(functions) inside it.

```
Class MyClass{  
  
  Constructor(){.....}  
  
  Mymethod(){.....}  
  
}
```

Let myobj=new MyClass();

### INHERITENCE :

It is passing down properties & methods from parent class to child class.

```
Class parent{  
  
}  
  
Class Child extends parent{  
  
}
```

Child & parents have same method,child's method will be used. (Method overloading).

### SUPER KEYWORD:

The super keyword is used to call the constructor of its parent class to access the parent's properties and methods.

Super(args)

Super.parentMethod(args)

Try catch