

28. 10. 2021

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Inheritance

179

# 18 Mechanism to create a new class on basis of existing class

JULY 2020

200-106 | Week 29

Saturday → keyword → extends

existing class ← already

3) Maintains Relationship → Is A

Used → class Expressions  
declarations

eg 1) InBuilt Object

```
class Moment extends Date {
    constructor() { super(); }
    var m = new Moment();
    console.log("Current Date is : " + m.getDate());
    //pv 8
```

2) InBuilt object with Parameter

```
class Moment extends Date {
    constructor(year) { super(year); }
    var m = new Moment("August 15, 1997 20:22:10");
    console.log("Current Year is : " + m.getFullYear());
    //pv 1997
```

3) Custom class

```
class BikeDetails {
    constructor(id) { this.id = 7001; }
}
class BikeSold extends BikeDetails {
    constructor(owner, soldby) {
        super();
        this.owner = owner;
        this.soldby = soldby;
    }
}
var bikeper = new BikeSold("Kajal", "Munga");
alert(bikeper.id); // 7001
alert(bikeper.owner); // Kajal
```

19 Sunday