```
const arr = [1, 2, 3];  --__proto__-->  Array.prototype  --__proto__-->  Object.prototype  --__proto__-->  null
```

const arr = [1, 2, 3];

__proto__

Array.prototype

__proto__

Object.prototype

__proto__

null

All Array methods

All Object methods

---

const human = {
isHuman: true,
};

__proto__

Object.prototype

__proto__

null

All Object methods

__proto__

const user = {
name: "Your name",
__proto__: human,
};

---

const str = "";

__proto__

String.prototype

__proto__

Object.prototype

__proto__

null

All String metods

All Object methods

---

const car = {
hasEngine: true,
};

__proto__

Object.prototype

__proto__

null

All Object methods

__proto__

const mercedes = {
name: "mercedes",
__proto__: car,
};

```
const bmw =
Object.create(null);
```

```
const emptyObj = {};
```
__proto__ →
Object.prototype __proto__ → **null**

Object.prototype → (All Object methods)

```
function fn() {
console.log("hello,
world!");
}
```
__proto__ →
Function.Prototype __proto__ → **Object.prototype** __proto__ → **null**

Function.Prototype → (All function methods)

Object.prototype → (All Object methods)
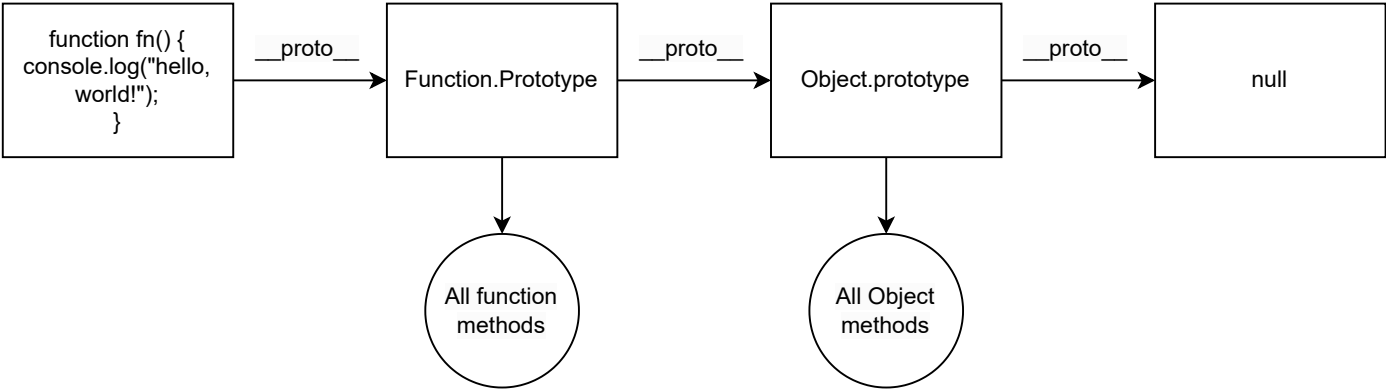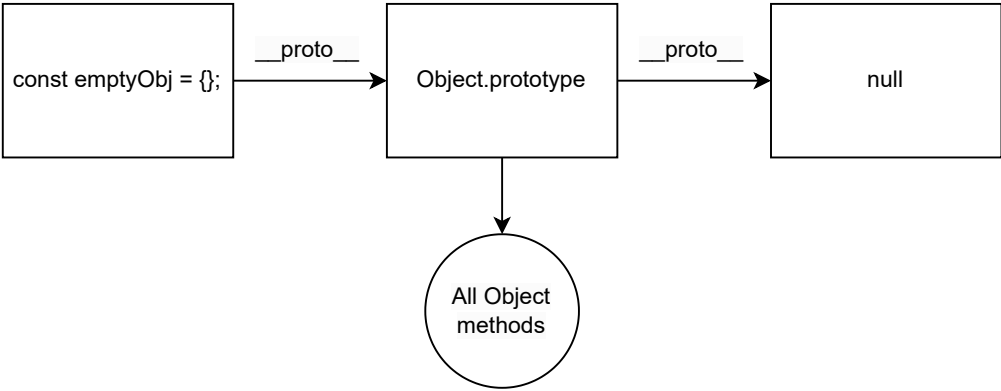
```
const
emptyWithoutProto =
Object.create(null);
```

```
const num = 12;
```
__proto__ →
Number.prototype __proto__ → **Object.protorype** __proto__ → **null**

Number.prototype → (All number methods)

Object.protorype → (All object methods)

```
const isAuth = false;
```
__proto__ →
Boolean.prototype __proto__ → **Object.prototype** __proto__ → **null**

Boolean.prototype → (All boolean methods)

Object.prototype → (All object methods)