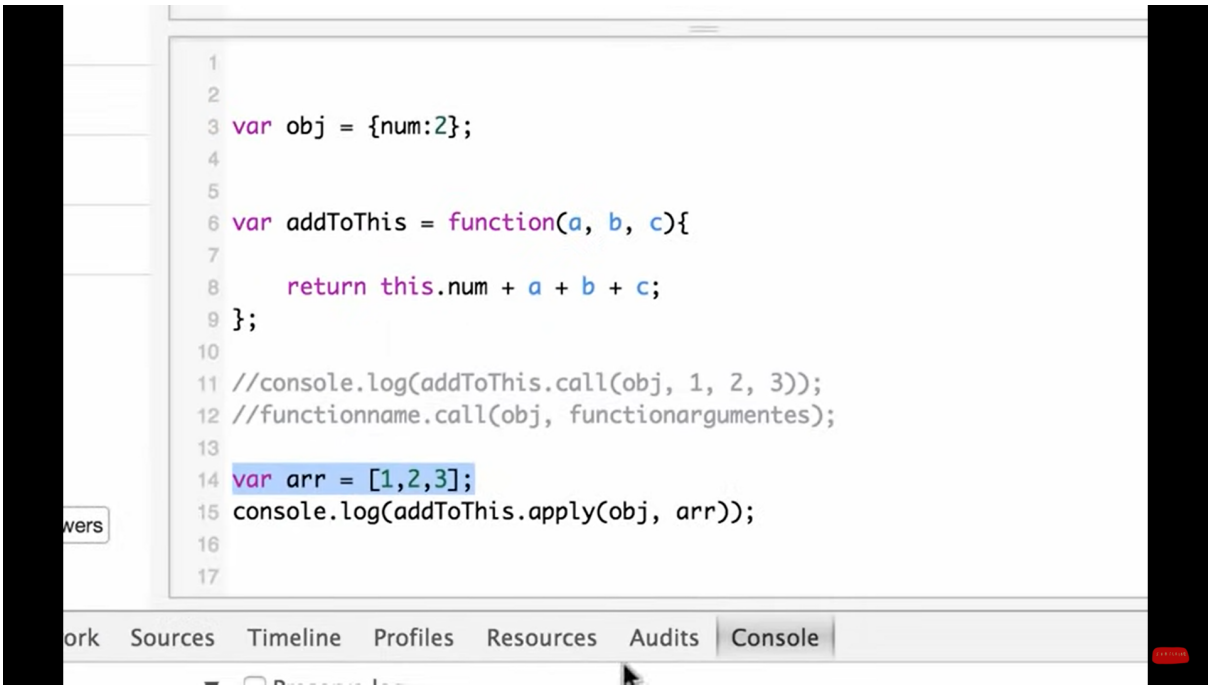
Call - apply -bind

ال call و ال apply هما methods بقدر من خلالهم ان انا لو عندي object حالي اقدر ابدله ب object جديد
الcall و ال apply مفيش فرق بينهم غير ان الcall بيطلع الاوبجكت زي ماهو مبيقبلش مصفوفة اللي هي array
ال apply هو اللي بنستخدمه لو هنضيف array لل object الجديد
الbind زيهم ولكن هو بيطلع الfunctions باللي فيها مش الobjects نفسها
بستخمهم عشان اشاور علي اي parameters و يطلعلي اللي جواها سواء properties او variables

مثال عالcall

مثال عالapply



Call is a function that helps you change the context of the invoking function. In layperson's terms, it helps you replace the value of `this` inside a function with whatever value you want.

Apply is very similar to the `call` function. The only difference is that in `apply` you can pass an array as an argument list.

Bind is a function that helps you create another function that you can execute later with the new context of `this` that is provided.

Example on bind :

```
// object definition
const student1 = {
  name: "Jack",
  grade: "5",
  introduction: function () {
    console.log(this.name + "studies in grade" + this.grade + ".");
  },
};

// object definition
const student2 = {
  name: "Jimmy ",
  grade: " 6",
};

// the object student2 is borrowing introduction method from student1
let result= student1.introduction.bind(student2);

// invoking introduction() function
result();

// Output:
// Jimmy studies in grade 6.
```