Agenda

1) polyfill bind
2) Automatic Type Conversion
3) hot polylib article
4) async await promises deep

let nums = [1,2,3,4]
let newNums = [nums] → [1,1,3,4]
c.l (newNums)
newNums 1,2,3,4

[...nums] → [1,2,3,4]
2D array

```
const user = {
    name: "Mardik",
    age: 20,
    residence: {
        state: "Delhi",
        city: "New Delhi"
    }
}
//override, new key-value pair
const newUser = {...user, age:23, hobbies: "music"};
user.residence.state = "Maharashtra";
console.log(newUser);
console.log(user);
console.log(newUser);
```

JS

0	1	2	3	4
10	20	30	40	50
4k 5k 6k 7k 8k

0	1	2	3
10	20	30	40
4k 8k 12k   Int 4byte

arr

4+4+4
3×4 + 4
= 16
Int

4 × 2 = 8

[1,2,3] × 4 = [4,8,12,16]
Nan

JS arr ✗

let user = {
  name: "Om",
  age: 23,
  address: {
    home no : 43,
    lane : 3rd,
    location {
      city : "Delhi",
      state : "New Delhi",
      country: "India"
    }
  }
}

name: "Aditya",
age: 23,
address: {
  home no : 43,
  lane : 3rd,
  ✗location {
    city : "Delhi",
    state : "New Delhi",
    country : "India"
  }
}

Optional
undefined
user.address.location.country
India

error [execution stop]

optional chaining

? : costly

user?.address?.location?.country
↳ user ? → ys → user.address.location
↳ ud