ES5 ES6

```
(function(){
    var a = 1;
})();
//ES6 block
   const a = 1;
    console.log(a);
var john = ['john', 23];
var name = john[0];
var age = john[1];
const [name, age] = ['john', 34];
console.log(name);
console.log(age);
//object er khatre
const obj = {
    firstName: 'john',
    lastName: 'Smit'
};
const {firstName, lastName} = obj;
console.log(firstName);
console.log(lastName);
const {firstName: a, lastName: b} = obj;
const boxes = document.querySelectorAll('.box');
var boxes= Array.prototype.slice.call(boxes);
//ES6
Array.from(boxes);
for()
for(const _ of _)
//Spread operator
 //ES5 .apply array recive kore
//ES6 (...ages);
const familySmit = ['John', 'jane'];
const familyMiller = ['Mary', 'Bob'];
const bigFamily = [...familySmit, ...familyMiller];
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console.log(bigFamily);
const bigFamily = [...familySmit, 'Lily', ...familyMiller];
console.log(bigFamily);
function isFullAges() {//aguments keyword
   console.log(arguments);//arguments special variable we excess it all function
}//Output:Arguments(3) [1990, 1999, 1980] aita object array na array er moto dekte
isFullAges(1990, 1999, 1980);
// or ES5 main Example
function isFullAges() {
    var argumentsArray = Array.prototype.slice.call(arguments);//Rest parameters in ES5
   argumentsArray.forEach(function(cur) {
        console.log((2021 - cur) >= 18);
   })
isFullAges(1990, 1999, 2000, 2021);
function isFullAge(...years) {//Rest parameters in ES6
   years.forEach( cur => console.log((2021-cur) >= 18));
isFullAge(1990, 2200, 2021);
//Rest operator use when function decliration //Rest operator recevice cupple of single value and transform them into a
array when we call function with multiple parameter
//Spread operator use when function call //Spread operator takes an array and transform in single value
function SmithPerson(firstName, lastName, barthYear){
   barthYear === undefined ? barthYear = 1990 : barthYear = barthYear;
   this.firstName = firstName;
   this.lastName = lastName;
    this.barthYear = barthYear;
var john = new SmithPerson("Jhon", "Smith");
console.log(john);
function SmithPerson(firstName, lastName = 'Mark', barthYear = 1999){
   barthYear === undefined ? barthYear = 1990 : barthYear = barthYear;
   this.firstName = firstName;
   this.lastName = lastName;
   this.barthYear = barthYear;
var john = new SmithPerson('john');
console.log(john);
const question = new Map();
 /ES5
var Person = function(name, job){
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this.name = name;
    this.job = job;
Person.prototype.claculateAge = function(){
var john = new Person('john', 'Teacher');
class Person {
   constructor (name, job){
        this.name = name;
        this.job = job;
    claculateAge(){
const john = new Person('john', 'Teacher');
var Person = function(name, job){
    this.name = name;
    this.job = job;
Person.prototype.claculateAge = function(){
var Athlete = function(name, job, olymicGame, medals){//sub Class
this.olymicGame = olymicGame;
this.medals = medals;
Athlete.prototype = Object.create(Person.prototype);//connect to function constrator
var johnAthletes = new Athlete('john', 'Teacher', 'swimmer', 2);
johnAthletes.claculateAge();
class Person {
   constructor (name, job){
        this.name = name;
        this.job = job;
    claculateAge(){
class Athlete extends Person{
    constructor(name, job, olymicGame, medals){
        super(name, job);//Person class er construction parameter gula pass korbo
        this.olymicGame = olymicGame;
        this.medals = medals;
const johnAthletes = new Athlete('john', 'Teacher', 'swimmer', 2);
```