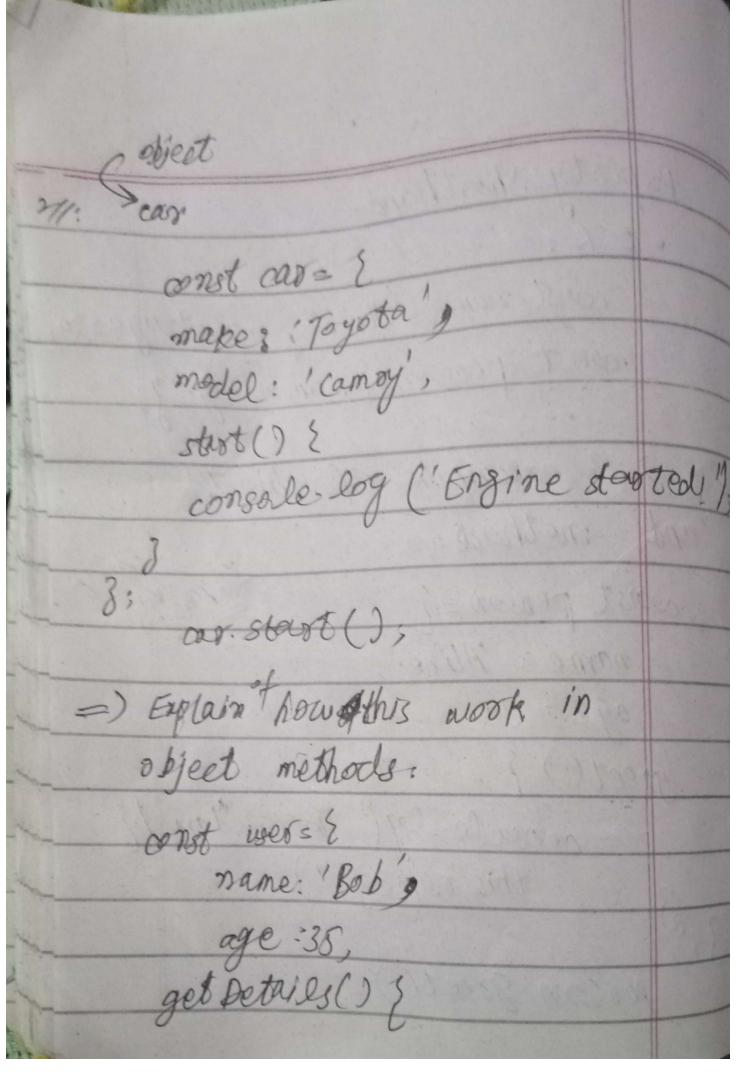Day 9 :-

Syntax (traditional and
ES6 shorthand) :-

Object Creation Syntax:

• Literal: const person = {name: 'Alice
age : 30 } ;

• Constructor: const car = new Object();

Method Syntax:

○ Traditional:

const calculator = {add: function (a,b)
{ return a+b; } } ;

○ ES6 shorthand:

const calculator = {subtract (a,b)
{ return a-b; } } ;

Property Shorthand

- ES6 :

```
const name = 'Alice', const age = 30;
const person = { name, age };
```

=> 2-3 example of object
and method :

```
const person = {
    name : 'Alice',
    age : 30,
    greet() {
        console.log( 'Hello, I am ${
                this.name }.' );
    }
};
    person.greet();
```

1 : person   object

object

```
c> car

const car = {
    make: 'Toyota',
    model: 'Camry',
    start() {
        console.log('Engine started!');
    }
};
    car.start();
```

=> Explain how this work in object methods.

```
const user = {
    name: 'Bob',
    age: 35,
    getDetails() {
```

```
    return `${this.name} is
   ${this.age} years old.`;
  }
};
```

In getDetails method, this.name
and this.age directly access
the name and age properties
of user object. The value
of this is the user object
itself.