

Day 5 – OOPS Concept

```
class Person {  
    constructor(name, age, phone, address, experience, education) {  
        this.name = name;  
        this.age = age;  
        this.phone = phone;  
        this.address = address;  
        this.experience = experience;  
        this.education = education;  
    }  
  
    introduce() {  
        console.log(`Hello! My name is ${this.name}. I am ${this.age} years old. My phone number is  
${this.phone}. The current address is ${this.address}. Experience: ${this.experience}. Education:  
${this.education}`);  
    }  
}  
  
let person1 = new Person("Pratheesh", 21, "+91 1234567890", "1/130, New York", "2 years of  
manual testing experience", "Graduated in Bachelor of Fisheries Science");  
  
let person2 = new Person("Hari", 21, "+91 1234567890", "1/130, California", "6 months of work  
experience", "Graduated in Bachelor of Instrumentation Engineering");  
  
person1.introduce();  
person2.introduce();
```

Basic Uber Price Calculator:

```
class UberTrip {  
  constructor(distance, baseFare = 3, ratePerKm = 6) {  
    this.distance = distance;  
    this.baseFare = baseFare;  
    this.ratePerKm = ratePerKm;  
  }  
  
  calculateFare() {  
    let distanceFare = this.distance * this.ratePerKm;  
    let totalFare = this.baseFare + distanceFare;  
    return totalFare;  
  }  
}
```

Example:

```
let trip1 = new UberTrip(5);  
  
let estimatedFare1 = trip1.calculateFare();  
console.log(`Estimated fare for trip 1: $$${estimatedFare1}`);
```