

Day 05 : 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();
```

Uber question:

```
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;  
  }  
}  
  
let trip1 = new UberTrip(5)  
let EstimatedFare1 = trip1.calculateFare();  
console.log(`Estimated fare for trip 1: ${EstimatedFare1}`);
```