1. **write a class to calculate the uber price.**

class UberPriceCalculator {

constructor(distance, duration, surgeMultiplier) {

this.distance = distance; // in miles

this.duration = duration; // in minutes

this.surgeMultiplier = surgeMultiplier;

this.baseFare = 2.50; // in dollars

this.costPerMile = 1.50; // in dollars

this.costPerMinute = 0.25; // in dollars

}

calculatePrice() {

const totalDistanceCost = this.distance \* this.costPerMile;

const totalDurationCost = this.duration \* this.costPerMinute;

const totalFare = (this.baseFare + totalDistanceCost + totalDurationCost) \* this.surgeMultiplier;

return totalFare;

}

}

// Example usage

const calculator = new UberPriceCalculator(5, 20, 1.5);

const price = calculator.calculatePrice();

console.log(price);

1. **Write a “person” class to hold all the details.**

class Person {

constructor(name, age, address) {

this.name = name;

this.age = age;

this.address = address;

}

}