

Online JavaScript Compiler (Edit)

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main.js

```
1- class UberPriceCalculator {
2-   constructor(baseFare, costPerMinute, costPerMile) {
3-     this.baseFare = baseFare;
4-     this.costPerMinute = costPerMinute;
5-     this.costPerMile = costPerMile;
6-   }
7-
8-   calculatePrice(distance, duration) {
9-     const fare = this.baseFare + (duration * this.costPerMinute) + (distance * this.costPerMile);
10-    return fare.toFixed(2);
11-  }
12- }
13-
14-
15- const calculator = new UberPriceCalculator(2.5, 0.1, 1.25);
16-
17- const distance = 5.3;
18- const duration = 12;
19-
20- const fare = calculator.calculatePrice(distance, duration);
21- console.log('The estimated fare for this Uber ride is $$(fare)');
```

Run

Output

node /tmp/5WKCysx80U.js
The estimated fare for this Uber ride is \$10.32

Clear

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main.js

```
1- class Person {
2-   constructor(firstName, lastName, age, address) {
3-     this.firstName = firstName;
4-     this.lastName = lastName;
5-     this.age = age;
6-     this.address = address;
7-   }
8-
9-   getFullName() {
10-    return `${this.firstName} ${this.lastName}`;
11-  }
12-
13-   getAge() {
14-    return this.age;
15-  }
16-
17-   getAddress() {
18-    return this.address;
19-  }
20-
21-   setFirstName(firstName) {
22-     this.firstName = firstName;
23-   }
24-
25-   setLastName(lastName) {
26-     this.lastName = lastName;
27-   }
28-
29-   setAge(age) {
30-     this.age = age;
31-   }
32-
33-   setAddress(address) {
34-     this.address = address;
35-   }
36- }
37-
38-
39- const person = new Person("John", "Doe", 25, "123 Main St");
40- console.log(person.getFullName());
41- console.log(person.getAge());
42- console.log(person.getAddress());
43-
44- person.setFirstName("Jane");
45- person.setAge(30);
46- person.setAddress("456 Elm St");
47- console.log(person.getFullName());
48- console.log(person.getAge());
49- console.log(person.getAddress());
```

Run

Output

node /tmp/5WKCysx80U.js
John Doe
25
123 Main St
Jane Doe
30
456 Elm St

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