




interface



Ví dụ 1

```
// IVehicle.ts
interface IVehicle {
  brand: string;
  speed: number;
  start(): void;
  stop(): void;
}

export default IVehicle;
```




```
// Car.ts
import IVehicle from '../IVehicle';

class Car implements IVehicle {
  constructor(public brand: string, public speed: number) {}

  start(): void {
    console.log(`The ${this.brand} car has started.`);
  }

  stop(): void {
    console.log(`The ${this.brand} car has stopped.`);
  }
}

export default Car;
```




```
// Bicycle.ts
import IVehicle from './IVehicle';

class Bicycle implements IVehicle {
  constructor(public brand: string, public speed: number) {}

  start(): void {
    console.log(`The ${this.brand} bicycle has started.`);
  }

  stop(): void {
    console.log(`The ${this.brand} bicycle has stopped.`);
  }
}

export default Bicycle;
```



```
// main.ts
import IVehicle from './IVehicle';
import Car from './Car';
import Bicycle from './Bicycle';

// Sử dụng các đối tượng Car và Bicycle
const myCar: IVehicle = new Car("Toyota", 120);
const myBicycle: IVehicle = new Bicycle("Giant", 20);

myCar.start();
myCar.stop();


myBicycle.start();
myBicycle.stop();
```



Ví dụ 2

```
// IPersonalDetails.ts
interface IPersonalDetails {
  name: string;
  age: number;
  getDetails(): string; // Thêm phương thức getDetails
}

export default IPersonalDetails;
```




```
// Person.ts
```

```
import IPersonalDetails from './IPersonalDetails';
```


```
class Person implements IPersonalDetails {  
  constructor(public name: string, public age: number) {}  
  
  getDetails(): string {  
    return `Name: ${this.name}, Age: ${this.age}`;  
  }  
}
```

```
export default Person;
```



```
// IAddress.ts
interface IAddress {
  address: string;
  city: string;
}

export default IAddress;
```

```
// Person.ts
```

```
import IPersonalDetails from './IPersonalDetails';
```

```
import IAddress from './IAddress';
```

```
class Person implements IPersonalDetails, IAddress {  
  constructor(public name: string, public age: number, public address: string, public city: string) {}
```

```
  getPersonalDetails(): string {  
    return `Name: ${this.name}, Age: ${this.age}`;  
  }
```

```
  getAddress(): string {  
    return `Address: ${this.address}, City: ${this.city}`;  
  }
```

```
}
```

```
export default Person;
```