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Typescript
// Абстрактный класс Publisher
abstract class Publisher {
  title: string;
  author: string;
  pubYear: number;
  copies: number;
  constructor(title: string, author: string, pubYear: number, copies: number) {
     this.title = title;
     this.author = author;
     this.pubYear = pubYear;
    this.copies = copies;
  }
  getTitle(): string {
     return this.title;
  }
  setTitle(newTitle: string): void {
     this.title = newTitle;
  }
  // Добавьте методы для получения и изменения других полей
}
// Подклассы Book и Magazine
class Book extends Publisher {
  pages: number;
  constructor(title: string, author: string, pubYear: number, copies: number, pages: number) {
     super(title, author, pubYear, copies);
     this.pages = pages;
  }
}
class Magazine extends Publisher {
  issue: number;
  constructor(title: string, author: string, pubYear: number, copies: number, issue: number) {
     super(title, author, pubYear, copies);
    this.issue = issue;
  }
}
// Интерфейс Reception
interface Reception {
  delivery(): void;
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receive(): void;
}
// Реализация интерфейса для Book и Magazine
class Reader {
  firstName: string;
  lastName: string;
  items: Publisher[] = [];
  constructor(firstName: string, lastName: string) {
     this.firstName = firstName;
     this.lastName = lastName;
  }
  // Методы выдачи и принятия издания у читателя
  borrowltem(item: Publisher): void {
     if (this.items.length < 3 && item.copies > 0) {
       this.items.push(item);
       item.copies--;
       console.log(`${this.firstName} ${this.lastName} взял ${item.title}`);
     } else {
       console.log(`Hевозможно выдать ${item.title} для ${this.firstName}
${this.lastName}`);
    }
  }
  returnItem(item: Publisher): void {
     const index = this.items.indexOf(item);
     if (index !== -1) {
       this.items.splice(index, 1);
       item.copies++;
       console.log(`${this.firstName} ${this.lastName} вернул ${item.title}`);
    }
  }
}
// Класс Library
class Library {
  publications: Publisher[] = [];
  addPublication(publication: Publisher): void {
     this.publications.push(publication);
  }
  removePublication(publication: Publisher): void {
     const index = this.publications.indexOf(publication);
     if (index !== -1) {
       this.publications.splice(index, 1);
```

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}
  }
}
// Тестирование методов
const book1 = new Book("Приключения", "Автор1", 2021, 5, 200);
const magazine1 = new Magazine("Журнал", "Автор2", 2022, 3, 10);
const reader1 = new Reader("Иван", "Иванов");
reader1.borrowItem(book1);
reader1.borrowItem(magazine1);
reader1.borrowItem(book1);
const library = new Library();
library.addPublication(book1);
library.addPublication(magazine1);
console.log(reader1.items.map(item => item.title));
console.log(book1.copies);
console.log(magazine1.copies);
```