

Day 16  
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.asp.net

```
[HttpPut("updateNewBook/{id}")]
public IActionResult UpdateNewBook(int id, BookAndAuthorEntry updatedEntry)
{
    var book = appDbContext.NewBooks.FirstOrDefault(x => x.NewBookId == id);
    book.Title = updatedEntry.BookTitle;
    book.Price = updatedEntry.Price;
    book.sales = updatedEntry.sales;
    var author = appDbContext.Authors.FirstOrDefault(a => a.AuthorName ==
updatedEntry.AuthorName);
    if (author == null)
    {
        author = new Author { AuthorName = updatedEntry.AuthorName };
        appDbContext.Authors.Add(author);
        appDbContext.SaveChanges();
    }
    book.AuthorId = author.AuthorId;

    appDbContext.SaveChanges();

    return Ok("Updated successfully");
}
```

[book.service.ts](#)

```
updatenewbook(id: number, updatebook: any) {
    const url = `${this.apiURI}/updateNewBook/${id}`;
    return this.http.put(url, updatebook, { responseType: 'text' });
}
```

[new.component.ts](#)

```
updatebook(book: any) {
    this.isEditing = true;
    this.selectedBookId = book.newBookId;
    this.bookForm.patchValue({
        authorName: book.author?.authorName,
        bookTitle: book.title,
        price: book.price,
```

```

        sales: book.sales
    });
}
submitUpdate() {
    const updatePayload = this.bookForm.value;

    this.bookservice.updatenewbook(this.selectedBookId!, updatePayload).subscribe({
        next: (res) => {
            alert(res);
            this.isEditing = false;
            this.selectedBookId = null;
            this.bookservice.getMyFavBook().subscribe(v => this.my_fav_book = v);
        },
        error: () => alert("Update failed!")
    });
}

```

New.component.html

```

<table border="1">
  <thead>
    <tr>
      <th>Book ID</th>
      <th>Book Title</th>
      <th>Price</th>
      <th>Sales</th>
      <th>Author ID</th>
      <th>Author Name</th>
      <th>Action</th>
    </tr>
  </thead>
  <tbody>
    <tr *ngFor="let books of my_fav_book">
      <td>{{books.newBookId}}</td>
      <td>{{books.title}}</td>
      <td>{{books.price}}</td>
      <td>{{books.sales}}</td>
      <td>{{books.author.authorId}}</td>
      <td>{{books.author.authorName}}</td>
      <button (click)="updatebook(books)">Update</button>
    </tr>
  </tbody>
</table>

```

</table>

```
<div *ngIf="isEditing">
  <form (ngSubmit)="submitUpdate()" [formGroup]="bookForm">
    <label>Author Name:</label>
    <input formControlName="authorName" type="text" />

    <label>Book Title:</label>
    <input formControlName="bookTitle" type="text" />

    <label>Price:</label>
    <input formControlName="price" type="number" />

    <label>Sales:</label>
    <input formControlName="sales" type="number" />

    <button type="submit">Submit Update</button>
  </form>
</div>
```

Book ID	Book Title	Price	Sales	Author ID	Author Name	Action
1	Harry potter	200	30	1	JK rowling	Update
2	Harry potter 2	200	30	1	JK rowling	Update
3	Beastly Tales	250	40	2	Vikram seth	Update
4	Golden gate	200	30	2	Vikram seth	Update
5	Clean code	200	30	3	Andrew	Update
6	Final Escape	200	20	3	Andrew	Update
8	Two lives	300	20	2	Vikram seth	Update
9	Final Escape	200	20	3	Andrew	Update
12	Harry Potter and the Prisoner of Azkaban	200	20	1	JK rowling	Update
17	Hermione Granger	200	30	1	JK rowling	Update
18	The Report Card	200	29	3	Andrew	Update
22	Lunch Money	300	40	3	Andrew	Update
24	The poems	300	20	2	Vikram seth	Update

Author Name: Vikram seth    Book Title: The poems    Price: 350    Sales: 20   

24	The poems	350	20	2	Vikram seth	Update
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