

# Deleting Bulk

- first I edit html code to add form with checkbox and button which its action lead to delete bulk function:

```
11 <body>
12   <p>Hello from Books app</p>
13   <a href="{% url 'create-book' %}">Add new book</a>
14   <form method="POST" action="{% url 'delete-bulk' %}" >
15     {% csrf_token %}
16   <table>
17 >   <tr>...
24   </tr>
25     {% for book in all_books %}
26 >   <tr>...
33   </tr>
34     {% endfor %}
35   </table>
36   <button type="submit"> Delete Marked </button>
37 </form>
38 </body>
39 </html>
```

```
<table>
  <tr>
    <th>id</th>
    <th>Mark</th>
    <th>Book name</th>
    <th>book description</th>
    <th>Price</th>
    <th>Actions</th>
  </tr>
  {% for book in all_books %}
  <tr>
    <td>{{ book.id }}</td>
    <td><input type="checkbox" name="book_id" value="{{book.id}}"></td>
    <td> <a href="{% url 'edit-book' book.id %}">{{ book.name }}</a> </td>
    <td>{{ book.description }}</td>
    <td>{{ book.price }} $</td>
    <td><a href="{% url 'delete-book' book.id %}">Delete</a></td>
  </tr>
  {% endfor %}
</table>
```

previous image show that I passed book.id in value key inside checkbox. I did that because I want the id of checked book to be returned in request.POST.

- then we make its URL in urls.py file as follows:

```
4  urlpatterns = [
5      path('list', home, name='book-list'),
6      path('read', read),
7      path('', index),
8      path('create', create_book, name='create-book'),
9      path('save', save_book, name='save-book'),
10     path('edit/<book_id>', edit_book, name='edit-book'),
11     path('delete/<book_id>', delete_book, name='delete-book'),
12     path('new save/<book_id>', new_save, name='new-save-book'),
13     path('delete_bulk', delete_bulk, name='delete-bulk')
14 ]
```

- then we go to views.py and write delete\_bulk function using .getlist() to get list of all checked booked and .filter() to get those checked books from database and delete it:

```
79  # Bulk delete
80  def delete_bulk(request):
81      if request.method == "POST":
82          b_id = request.POST.getlist('book_id')
83          Book.objects.filter(pk__in=b_id).delete()
84          return redirect('book-list')
85      return HttpResponse('invalid request')
```