



DJANGO TASK 4

Create a new Django project and app?

```
(demoproject) C:\Users\HP\OneDrive\Documents\python demo\Python Projects beinex\demo\demo>python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
```

```
System check identified no issues (0 silenced).
```

```
You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.
```

```
Run 'python manage.py migrate' to apply them.
```

```
March 12, 2024 - 11:34:30
```

```
Django version 5.0.3, using settings 'demo.settings'
```

```
Starting development server at http://127.0.0.1:8000/
```

```
Quit the server with CTRL-BREAK.
```

```
[12/Mar/2024 11:34:33] "GET / HTTP/1.1" 200 10629
```

```
Not Found: /favicon.ico
```

```
[12/Mar/2024 11:34:34] "GET /favicon.ico HTTP/1.1" 404 2108
```

```
C:\Users\HP\OneDrive\Documents\python demo\Python Projects beinex\demo\demo>python manage.py makemigrations
```

```
No changes detected
```

```
C:\Users\HP\OneDrive\Documents\python demo\Python Projects beinex\demo\demo>python manage.py runserver
```

```
Watching for file changes with StatReloader
```

```
Performing system checks...
```

```
System check identified no issues (0 silenced).
```

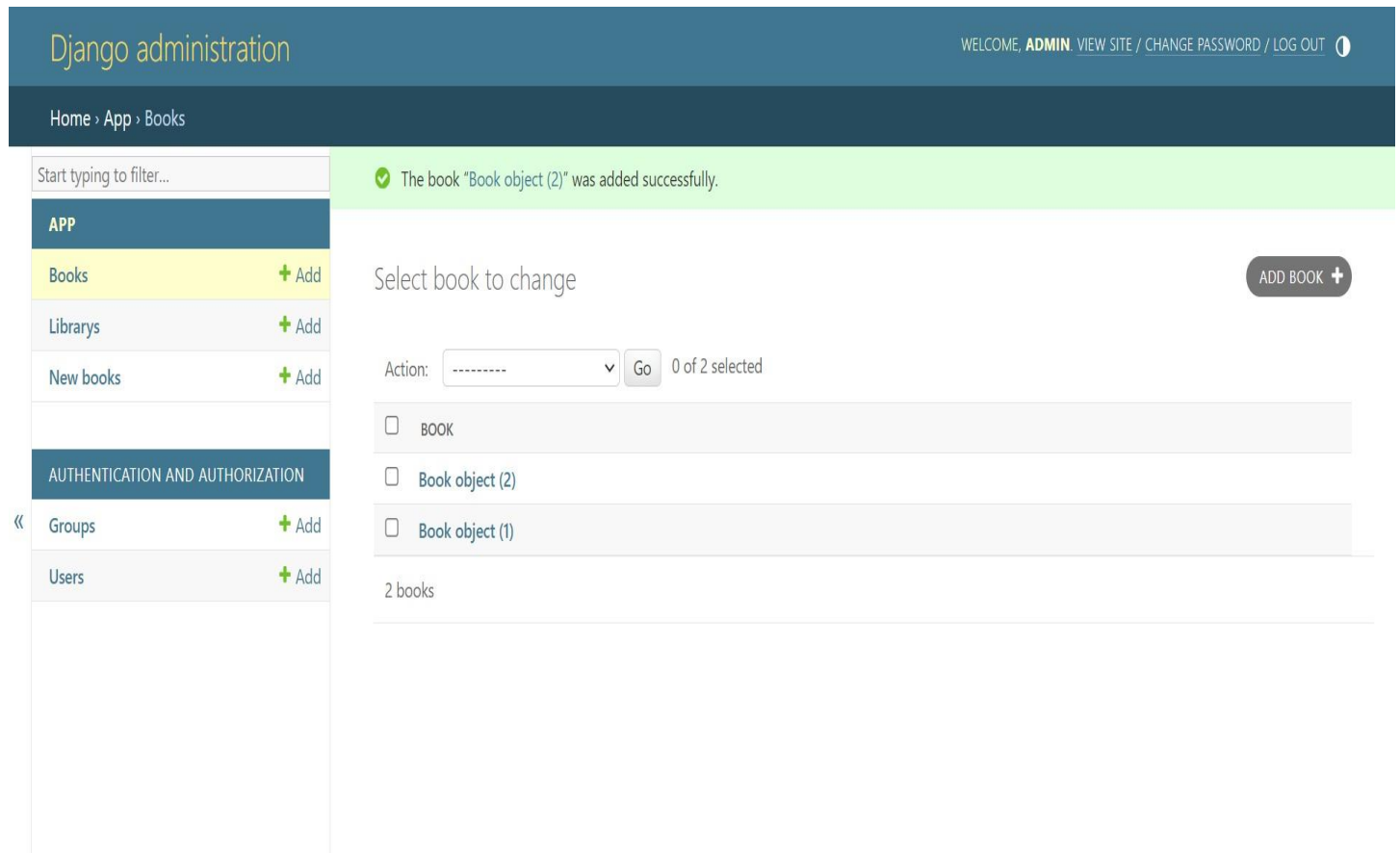
```
March 12, 2024 - 11:50:19
```

```
Django version 5.0.3, using settings 'demo.settings'
```

```
Starting development server at http://127.0.0.1:8000/
```

```
Quit the server with CTRL-BREAK.
```

Create two models and then add items (using admin panel or shell)?



```
from django.db import models

# Create your models here.

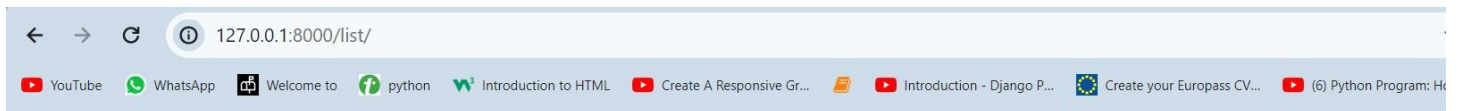
class Book(models.Model):
    title=models.CharField(max_length=120)
    author=models.CharField(max_length=20)
    genre=models.CharField(max_length=20)
    language=models.CharField(max_length=20)
    year=models.IntegerField()

class NewBook(models.Model):
    title=models.CharField(max_length=120)

class Library(models.Model):
    name=models.CharField(max_length=120)
    place=models.CharField(max_length=120)
    record_id=models.IntegerField()
```

Create list view using function-based view to show list of items from the first model?

```
def book_list(request):  
    books=Book.objects.all()  
    return render(request,'index.html',{'data':books})
```



BOOK LIST

- happ by herald
- harry potter by jk rowlinf

Create list view using class based view to show list of items from the second model ?

```
class Librarylistview(ListView):  
    model=Library  
    template_name="list.html"  
    context_object_name="Librarys"
```

library list

- thrissur library by thrissur
- kollam lib by kollam

Create detail view using function based view to show detail view of an item ?

```
def details(request, pk):  
    book_details = Book.objects.get(pk=pk)  
  
    context={  
        'Book':book_details  
    }  
    return render(request, 'details.html', context)
```



happ Details

title:happ

Author:herald

Genre:jnkj

Language:hindi

Year:2

Create detail view using class based view to show detail view of an item?

```
class BookDetailView(DetailView):  
    model=Library  
    template_name='library.html'  
    context_object_name='Library'
```

Details

name:thrissur library

place:thrissur

record ID:1