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Div : SE3	Roll No: **65**
CSL405 - SBL - Python Programming	

Assignment No - 4

Code :

/urls.py

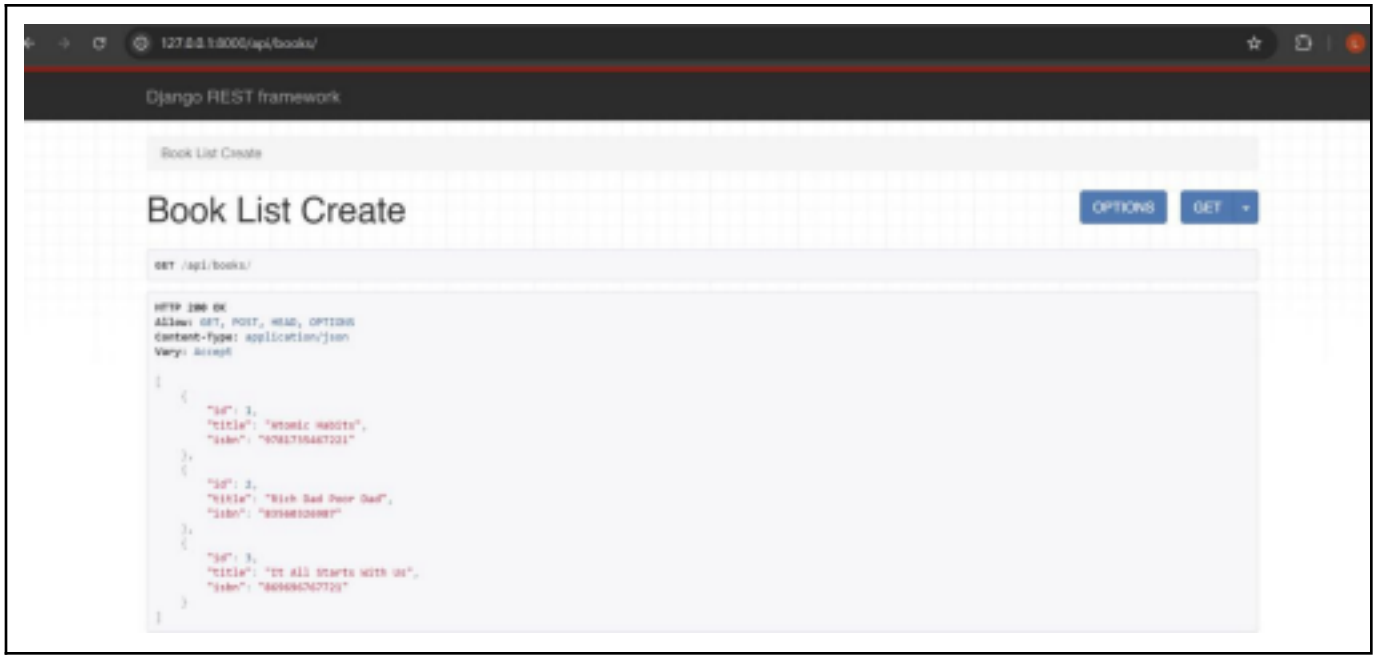
```
from django.urls import path
from .viewsimport BookListCreateView, BookDetailView

urlpatterns = [
   path('books/', BookListCreateView.as_view(), name='book-list'),
path('books/<int:pk>/', BookDetailView.as_view(), name='book-detail'),
]
```

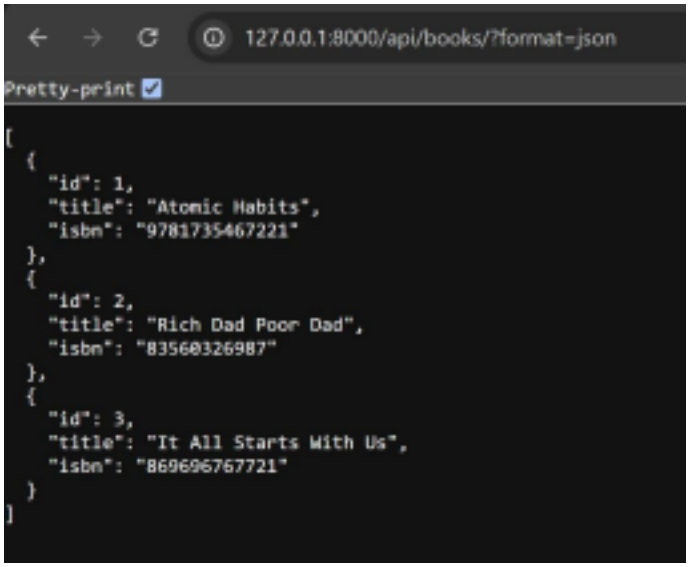
/views.py

```
from rest_framework import generics
from .models import Book
from .serializers import BookSerializer

class
   BookListCreateView(generics.ListCreateAPIView):
   queryset = Book.objects.all()
   serializer_class = BookSerializer

class
   BookDetailView(generics.RetrieveUpdateDestroyAPIView):
   queryset = Book.objects.all()
   serializer_class = BookSerializer
```

Output :

Django REST framework
Book List Create
Book List Create
OPTIONS
GET
GET /api/books/
HTTP 200 OK
Allow: GET, POST, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept
[]
Raw data
HTML form
Title
Isbn
POST


Django REST framework
Book List Create
Book List Create
OPTIONS
GET
GET /api/books/
HTTP 200 OK
Allow: GET, POST, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept
[
{
"id": 1,
"title": "Atomic Habits",
"isbn": "9781785
},
{
"id": 2,
"title": "Rich Dad Poor Dad",
"isbn":
},
{
"id": 3,
"title": "It All Starts With Us",
"isbn":
}
]


127.0.0.1:8000/api/books/?format=json
Pretty-print
[
{
"id": 1,
"title": "Atomic Habits",
"isbn": "9781735467221"
},
{
"id": 2,
"title": "Rich Dad Poor Dad",
"isbn": "83560326987"
},
{
"id": 3,
"title": "It All Starts With Us",
"isbn": "869696767721"
}
]