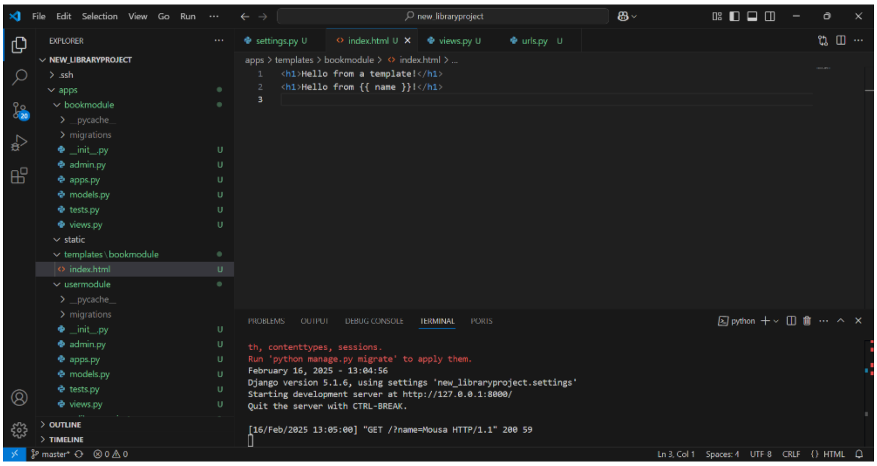
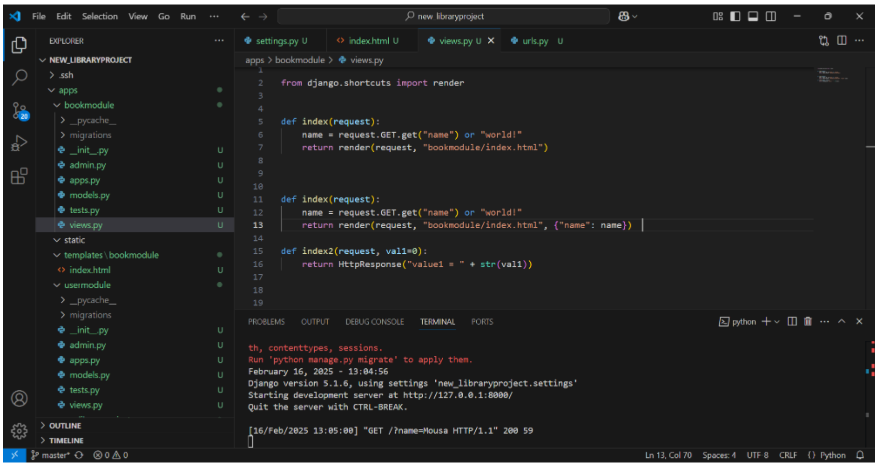
Task 5:


File Edit Selection View Go Run ···
new_libraryproject
EXPLORER
NEW_LIBRARYPROJECT
settings.py U
index.html U
views.py U
urls.py U
apps > templates > bookmodule > index.html > ...
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
python
OUTLINE
TIMELINE
master*
Ln 3, Col 1 Spaces: 4 UTF-8 CRLF {} HTML

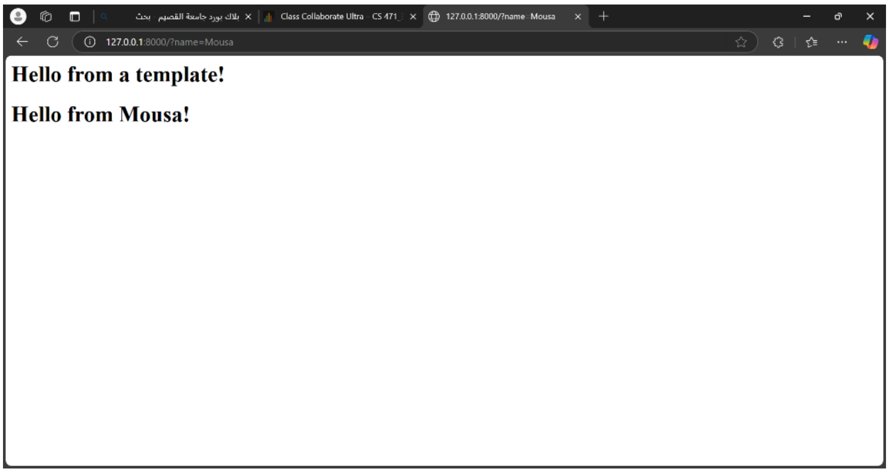
```html
<h1>Hello from a template!</h1>
<h1>Hello from {{ name }}!</h1>

```

```
th, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.
February 16, 2025 - 13:04:56
Django version 5.1.6, using settings 'new_libraryproject.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.

[16/Feb/2025 13:05:00] "GET /?name=Mousa HTTP/1.1" 200 59
```


File Edit Selection View Go Run ···
new_libraryproject
EXPLORER
NEW_LIBRARYPROJECT
settings.py U
index.html U
views.py U
urls.py U
apps > bookmodule > views.py
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
python
OUTLINE
TIMELINE
master*
Ln 13, Col 70 Spaces: 4 UTF-8 CRLF {} Python

```python

from django.shortcuts import render


def index(request):
    name = request.GET.get("name") or "world!"
    return render(request, "bookmodule/index.html")



def index(request):
    name = request.GET.get("name") or "world!"
    return render(request, "bookmodule/index.html", {"name": name})

def index2(request, val1=0):
    return HttpResponse("value1 = " + str(val1))



```

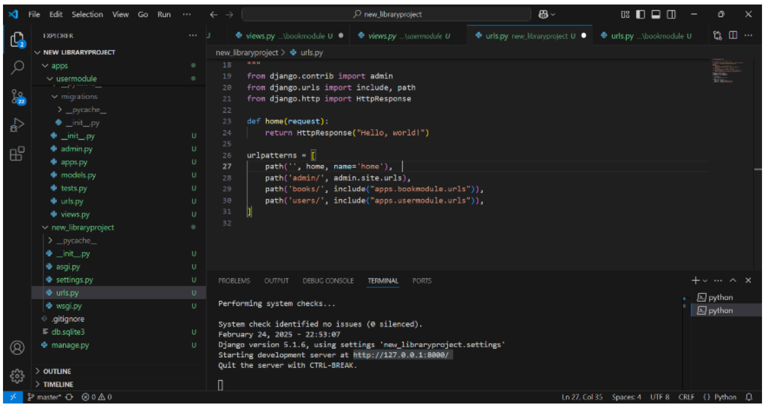
```
th, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.
February 16, 2025 - 13:04:56
Django version 5.1.6, using settings 'new_libraryproject.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.

[16/Feb/2025 13:05:00] "GET /?name=Mousa HTTP/1.1" 200 59
```


Class Collaborate Ultra - CS 471
127.0.0.1:8000/?name=Mousa
127.0.0.1:8000/?name=Mousa

Hello from a template!

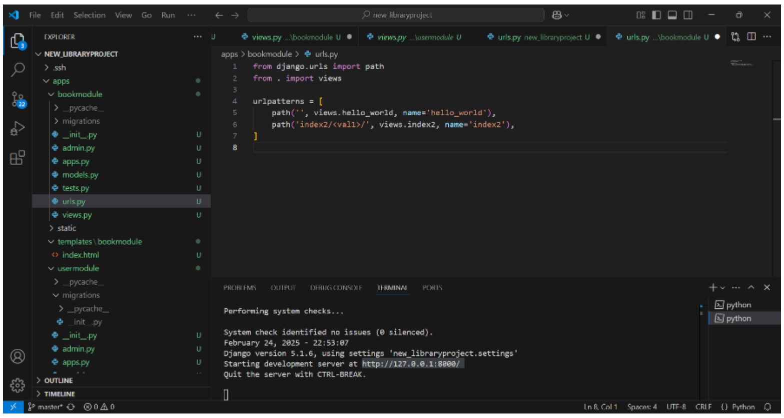
Hello from Mousa!

Task 6:



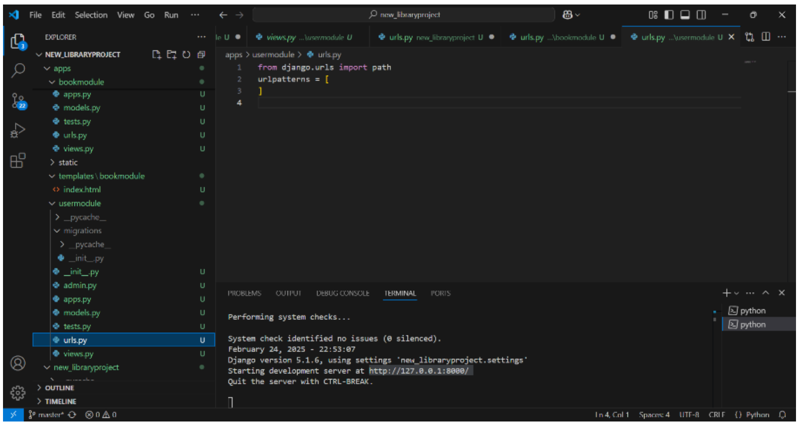
```python
"""
from django.contrib import admin
from django.urls import include, path
from django.http import HttpResponse

def home(request):
    return HttpResponse("Hello, world!")

urlpatterns = [
    path('', home, name='home'),
    path('admin/', admin.site.urls),
    path('books/', include("apps.bookmodule.urls")),
    path('users/', include("apps.usermodule.urls")),
]
```

```
Performing system checks...

System check identified no issues (0 silenced).
February 24, 2025 - 22:53:07
Django version 5.1.6, using settings 'new_libraryproject.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```



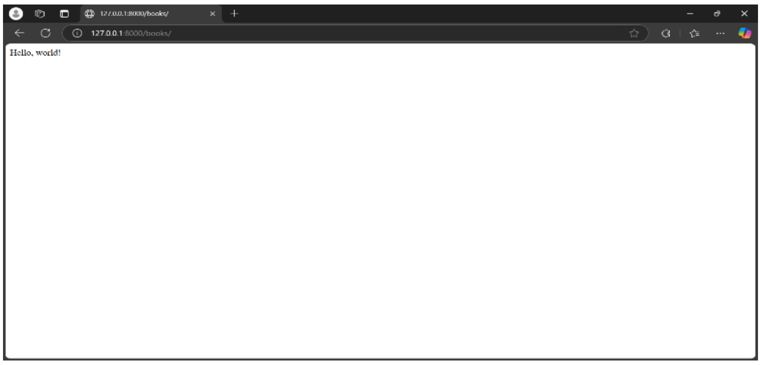
```python
from django.urls import path
from . import views

urlpatterns = [
    path('', views.hello_world, name='hello_world'),
    path('index2/<val1>/', views.index2, name='index2'),
]
```

```
Performing system checks...

System check identified no issues (0 silenced).
February 24, 2025 - 22:53:07
Django version 5.1.6, using settings 'new_libraryproject.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

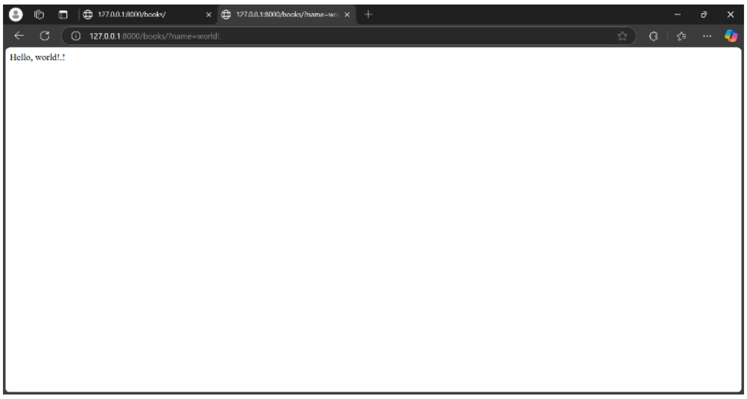


```python
from django.urls import path
urlpatterns = [
]
```

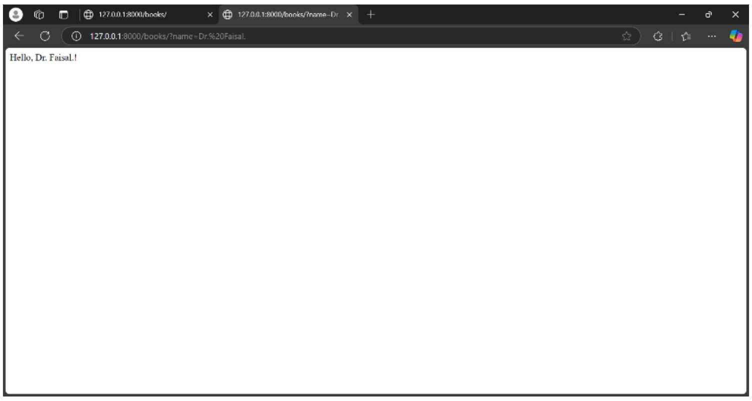
```
Performing system checks...

System check identified no issues (0 silenced).
February 24, 2025 - 22:53:07
Django version 5.1.6, using settings 'new_libraryproject.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```


127.0.0.1:8000/books/
127.0.0.1:8000/books/

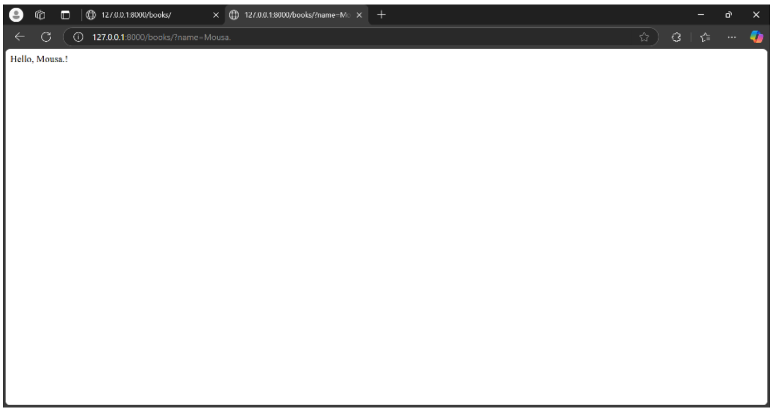
Hello, world!


127.0.0.1:8000/books/
127.0.0.1:8000/books/?name=wo
127.0.0.1:8000/books/?name=world!.

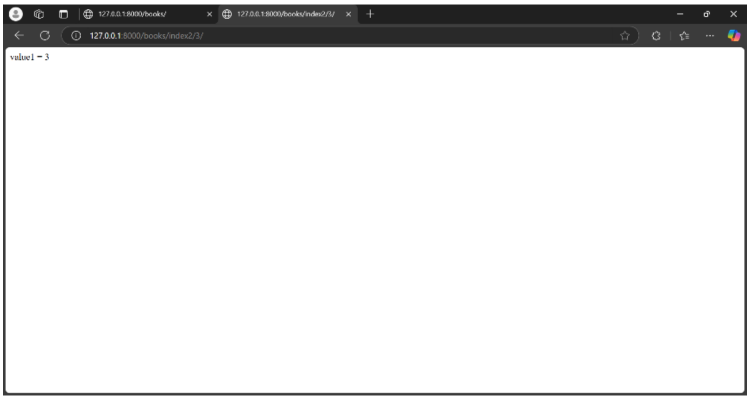
Hello, world!.!


127.0.0.1:8000/books/
127.0.0.1:8000/books/?name=Dr
127.0.0.1:8000/books/?name=Dr.%20Faisal.

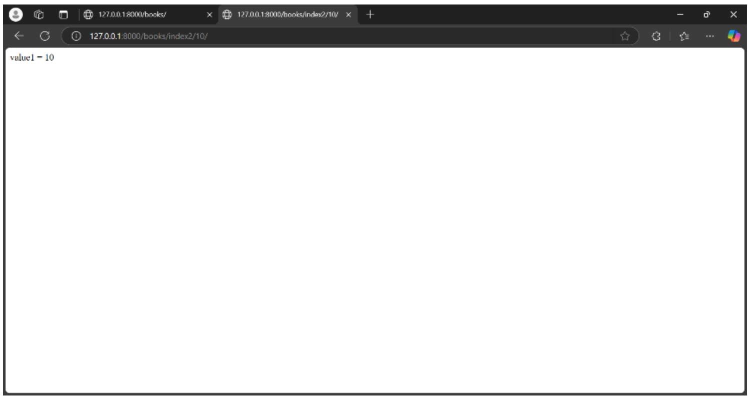
Hello, Dr. Faisal.!


127.0.0.1:8000/books/
127.0.0.1:8000/books/?name=Mo
127.0.0.1:8000/books/?name=Mousa.

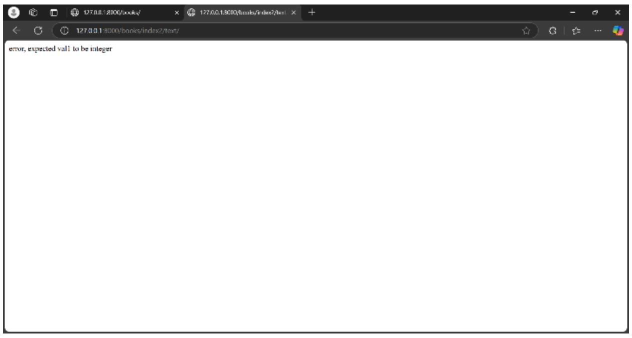
Hello, Mousa.!


127.0.0.1:8000/books/
127.0.0.1:8000/books/index2/3/
127.0.0.1:8000/books/index2/3/

```
value1 = 3
```

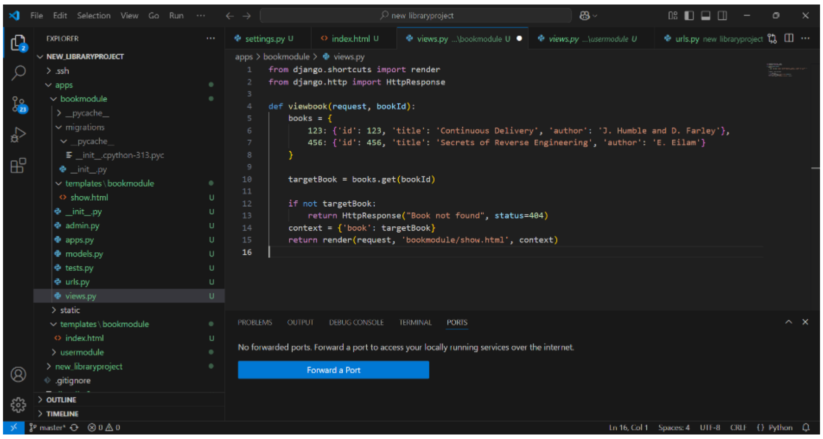

127.0.0.1:8000/books/
127.0.0.1:8000/books/index2/10/
127.0.0.1:8000/books/index2/10/

```
value1 = 10
```


127.0.0.1:8000/books/
127.0.0.1:8000/books/index2/test/

```
error, expected val1 to be integer
```

Task7:

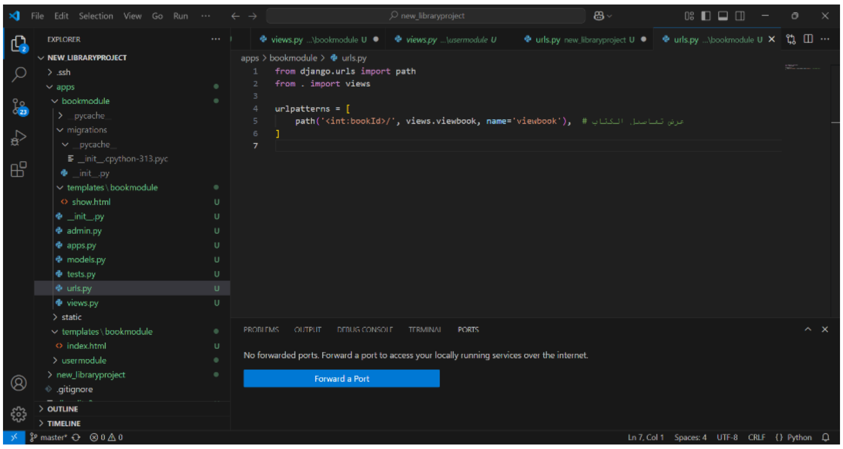


apps > bookmodule > views.py

```python
from django.shortcuts import render
from django.http import HttpResponse

def viewbook(request, bookId):
    books = {
        123: {'id': 123, 'title': 'Continuous Delivery', 'author': 'J. Humble and D. Farley'},
        456: {'id': 456, 'title': 'Secrets of Reverse Engineering', 'author': 'E. Eilam'}
    }

    targetBook = books.get(bookId)

    if not targetBook:
        return HttpResponse("Book not found", status=404)
    context = {'book': targetBook}
    return render(request, 'bookmodule/show.html', context)

```

No forwarded ports. Forward a port to access your locally running services over the internet.

Forward a Port
Ln 16, Col 1 Spaces: 4 UTF-8 CRLF {} Python

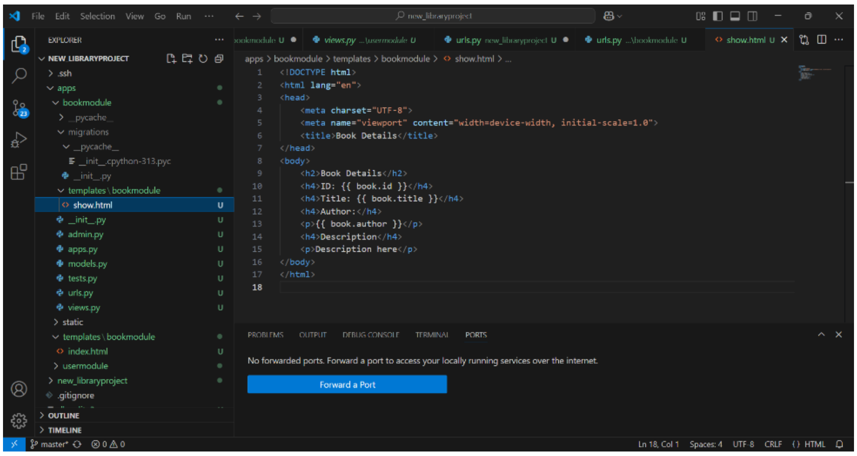


apps > bookmodule > urls.py

```python
from django.urls import path
from . import views

urlpatterns = [
    path('<int:bookId>/', views.viewbook, name='viewbook'),  # عرض تفاصيل الكتاب
]

```

No forwarded ports. Forward a port to access your locally running services over the internet.

Forward a Port
Ln 7, Col 1 Spaces: 4 UTF-8 CRLF {} Python

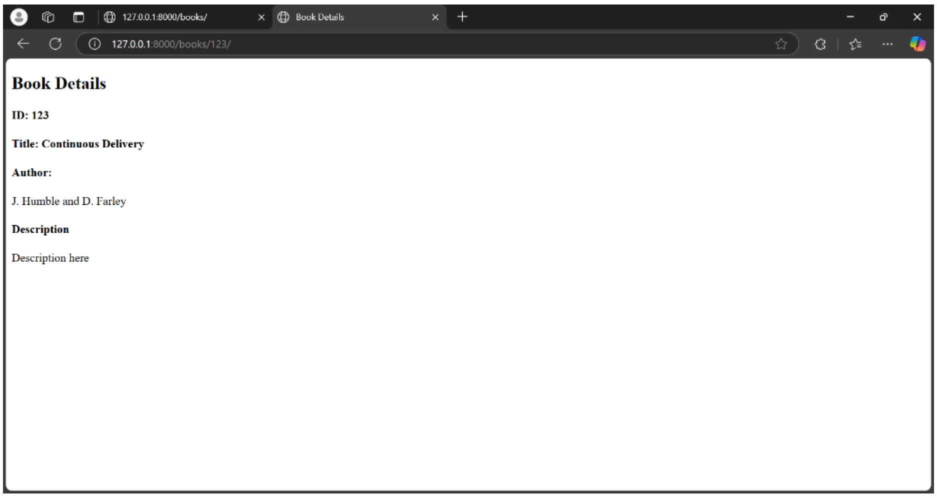


apps > bookmodule > templates > bookmodule > show.html > ...

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Book Details</title>
</head>
<body>
    <h2>Book Details</h2>
    <h4>ID: {{ book.id }}</h4>
    <h4>Title: {{ book.title }}</h4>
    <h4>Author:</h4>
    <p>{{ book.author }}</p>
    <h4>Description</h4>
    <p>Description here</p>
</body>
</html>

```

No forwarded ports. Forward a port to access your locally running services over the internet.

Forward a Port
Ln 18, Col 1 Spaces: 4 UTF-8 CRLF {} HTML


127.0.0.1:8000/books/
Book Details
127.0.0.1:8000/books/123/

Book Details

ID: 123

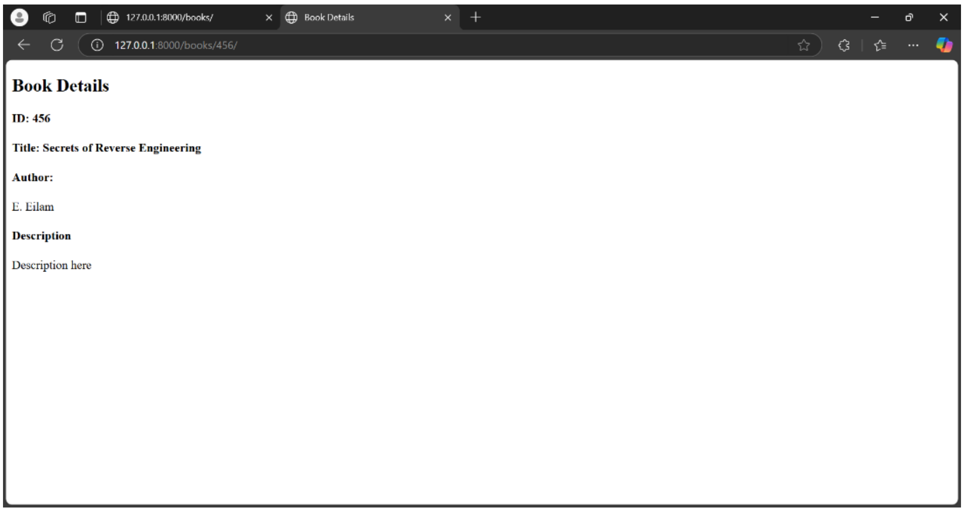
Title: Continuous Delivery

Author:

J. Humble and D. Farley

Description

Description here


127.0.0.1:8000/books/
Book Details
127.0.0.1:8000/books/456/

Book Details

ID: 456

Title: Secrets of Reverse Engineering

Author:

E. Eilam

Description

Description here