







The screenshot shows the VS Code editor with the Django project structure on the left. The file explorer shows the project structure, including the 'apps' directory and the 'bookmodule' app. The 'views.py' file is open in the editor. The code defines several views: 'index1', 'index2', 'books', 'purchase', and 'viewbook'. The 'index1' view uses 'request.GET' to get the 'name' parameter and returns a response. The 'index2' view is a placeholder. The 'books' view renders the 'bookmodule/books.html' template. The 'purchase' view renders the 'bookmodule/buybook.html' template. The 'viewbook' view is a placeholder for a view that would retrieve book data from a database.

```
1 from django.shortcuts import render
2 from django.http import HttpResponse
3
4 def index1(request):
5     name = request.GET.get("name") or "world!" #add this line
6     return HttpResponse("Hello, "+name) #replace the word "world!" with the variable name
7
8 '''def index2(request, val1 = 0, val2=0): #add the view function (index2)'''
9
10 def index2(request):
11     #render the appropriate template for this request
12     return render(request, 'bookmodule/index.html')
13
14 def books(request):
15     return render(request, 'bookmodule/books.html')
16
17 def purchase(request):
18     return render(request, 'bookmodule/buybook.html')
19
20
21 def viewbook (request, bId):
22     # assume that we have the following books somewhere (e.g. database)
23     book1 = {'id': 123456789, 'title': 'Continuous Delivery', 'author': 'J. Humble and D. Farley'}
24     book2= {'id': 567890123, 'title': 'Secrets of Reverse Engineering', 'author': 'E. Eilam'}
25     targetBook = None
26     if book1['id'] == bId:
27         targetBook= book1
28     if book2['id'] == bId:
29         targetBook = book2
30     context = {'book': targetBook} # book is the variable name accessible by the template
31     return render(request, 'bookmodule/book.html', context)
```

The screenshot shows the VS Code editor with the Django project structure on the left. The file explorer shows the project structure, including the 'apps' directory and the 'bookmodule' app. The 'book.html' file is open in the editor. The code is an HTML template that uses Django's template language to display book information. It includes a title, authors, and a description.

```
1 <h4> ID: {{book.id}} </h4>
2 <h4> Title: {{book.title}} </h4>
3 <h4> Authors </h4>
4 <p> {{ book.author}}</p>
5 <h4> Description </h4>
6 <p> Description here </p>
7
```