

task 1

Step 1,2

```
views.py
1 from django.http import HttpResponse
2
3 def index(request):
4     return HttpResponse("Hello, world!")
```

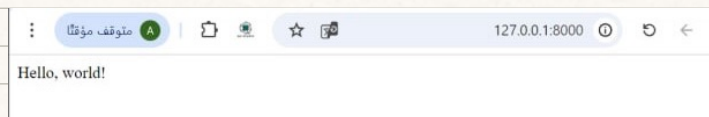
Step 3

```
urls.py
1 from django.contrib import admin
2 from django.urls import include, path
3
4 urlpatterns = [
5     path('admin/', admin.site.urls),
6     path('books/', include("apps.bookmodule.urls")),
7     path('users/', include("apps.usermodule.urls")),
8 ]
```

Step 4

```
PS C:\Users\ayoos> cd C:\DjangoProjects\libraryproject
PS C:\DjangoProjects\libraryproject> python manage.py runserver
```

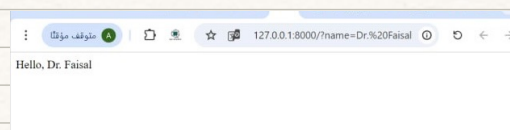
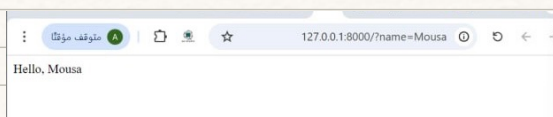
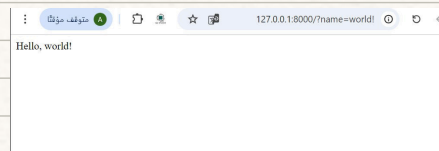
SS



task 2

```
views.py
1 def index(request):
2     name = request.GET.get("name") or "world!"
3     return render(request, "bookmodule/base.html", {"name": name})
```

```
PS C:\Users\ayoos> cd C:\DjangoProjects\libraryproject
PS C:\DjangoProjects\libraryproject> python manage.py runserver
```

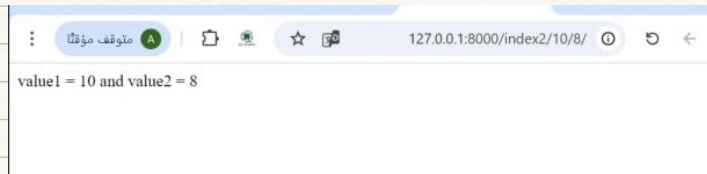
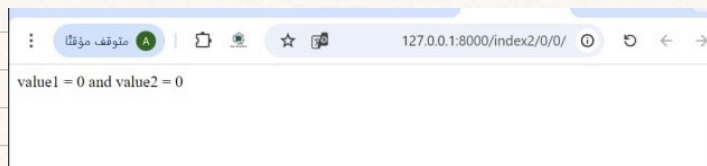
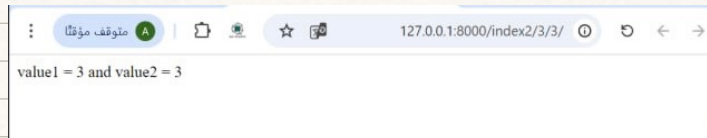


task 3

```
views.py
C:\DjangoProjects> libraryproject > bookmodule > views.py
1 from django.http import HttpResponseRedirect
2
3 def index(request):
4     name = request.GET.get("name") or "world!"
5     return HttpResponseRedirect("Hello, " + name)
6
7 def index2(request, val1=0, val2=0):
8     return HttpResponseRedirect("value1 = " + str(val1) + " and value2 = " + str(val2))
```

```
urlpatterns = [
    path('admin/', admin.site.urls),
    path('', apps.bookmodule.views.index),
    path('index2/<int:val1>/<int:val2>', apps.bookmodule.views.index2) ]
```

```
PS C:\Users\ayoos> cd C:\DjangoProjects\libraryproject
PS C:\DjangoProjects\libraryproject> python manage.py runserver
```



task 4

```
C:\Program Files (x86)\Microsoft Visual Studio 10.0\VC>mkdir C:\DjangoPro
jects\libraryproject\apps\bookmodule\template

C:\Program Files (x86)\Microsoft Visual Studio 10.0\VC>cd C:\DjangoProjec
ts\libraryproject\apps\bookmodule\template

C:\DjangoProjects\libraryproject\apps\bookmodule\template>notepad base.ht
ml

C:\DjangoProjects\libraryproject\apps\bookmodule\template>
```

```
base.h
File Edit View
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
</head>
<body>
  Hello from a template!
</body>
</html>
```

```
from django.shortcuts import render
v def index(request):
    name = request.GET.get("name") or "world!"
    return HttpResponse("Hello, "+name)

v def index2(request, val10 = 0, val20 = 0):
    return HttpResponse("value1 = "+str(val10)+" and value2 = "+str(val20))
```

```
django-projects / libraryproject / apps / bookmodule / views.py
from django.shortcuts import render

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

tasks

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <title>Title</title>
6  </head>
7  <body>
8  |   Hello from {{ name }}!
9  </body>
10 </html>
```