
表单 checkbox

(*) show.html

```
<html>
<body>
<form name="frm" action="/" method="post">
{{form.as_p}}
    <input type="submit" value="login">
</form>
{{java}}<br>{{python}}<br>
{% if java %}
select java
{% endif %}
{% if python %}
select python
{% endif %}
</body>
</html>
```

(*) view.py

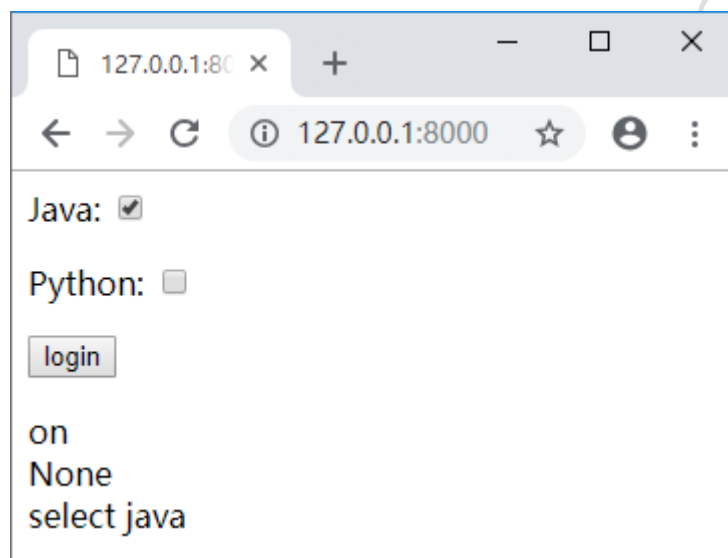
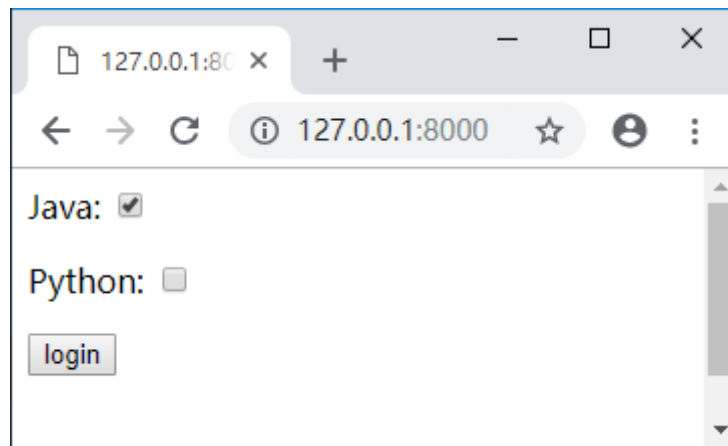
```
from django.shortcuts import render
from demo.form import LoginForm

def show(request):
    if request.method=="POST":
        form=LoginForm(request.POST)
        java=request.POST.get("java")
        python=request.POST.get("python")
    else:
        form=LoginForm()
    return render(request,"show.html",locals())
```

(*) form.py

```
from django import forms

class LoginForm(forms.Form):
    java=forms.BooleanField(label="Java",required=False,initial=True)
    python=forms.BooleanField(label="Python",required=True)
```



- **BooleanField** 是一个 checkbox，而且必须 **required=False**，如果 **required=True** 就要求该项目必须选择，失去了 checkbox 的意义；
- 选择 Java 时得到的值 **request.POST.get("java")** 是 "on"，没有选择时是 **None**，因此在模板中可以使用 **{% if java %}** 判断是否被选择；
- 使用 **BooleanField** 可以判断单独一个项目是否被选择

(***)

如果要在多个项目中实现多选，可以使用 **MultipleChoiceField**

(*) form.py

```
from django import forms

class LoginForm(forms.Form):
    COURSES=[["java","java"],["python","python"]]
    courses=forms.MultipleChoiceField(label="courses",choices=COURSES,widget=forms.CheckboxSelectMultiple,required=False)
```

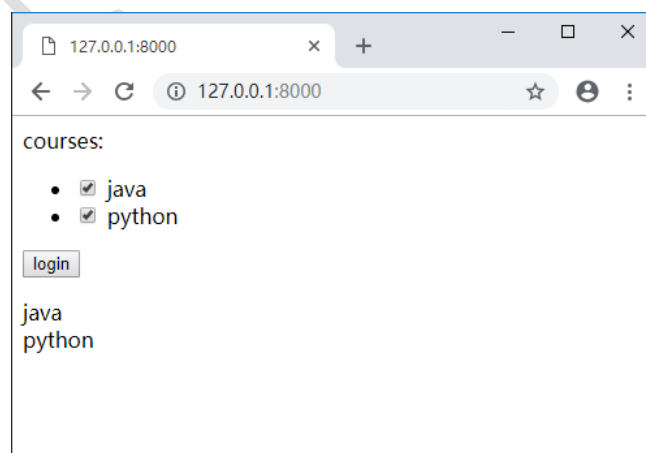
(*) show.html

```
<html>
<body>
<form name="frm" action="/" method="post">
{{form.as_p}}
    <input type="submit" value="login">
</form>
{% for c in courses %}
{{c}}<br>
{% endfor %}
</body>
</html>
```

(*)view.py

```
from django.shortcuts import render
from demo.form import LoginForm

def show(request):
    if request.method=="POST":
        form=LoginForm(request.POST)
        courses=request.POST.getlist("courses")
    else:
        form=LoginForm()
        courses=[]
    return render(request,"show.html",locals())
```

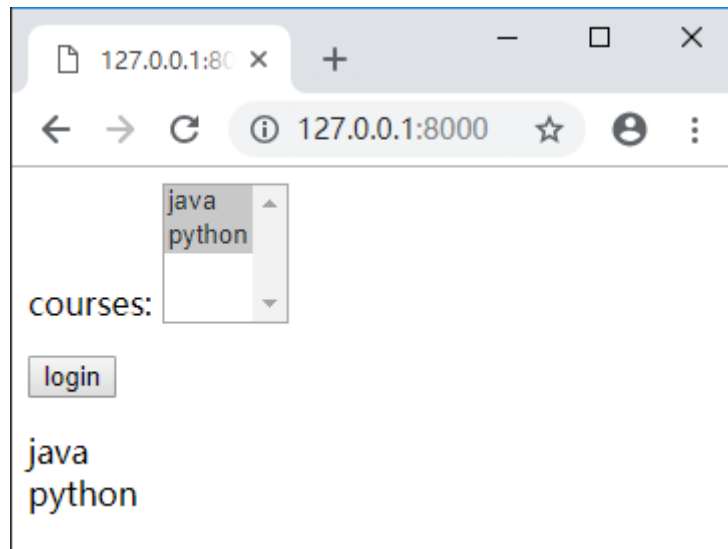


(*) 实际上 `MultipleChoiceField` 就是多选，默认时使用 `<select>` 进行多选，只是 `courses=forms.MultipleChoiceField(label="courses",choices=COURSES,widget=forms.CheckboxSelectMultiple)`

规定使用了 `checkbox`，如果使用：

`courses=forms.MultipleChoiceField(label="courses",choices=COURSES)`

那么就是<select>多选。

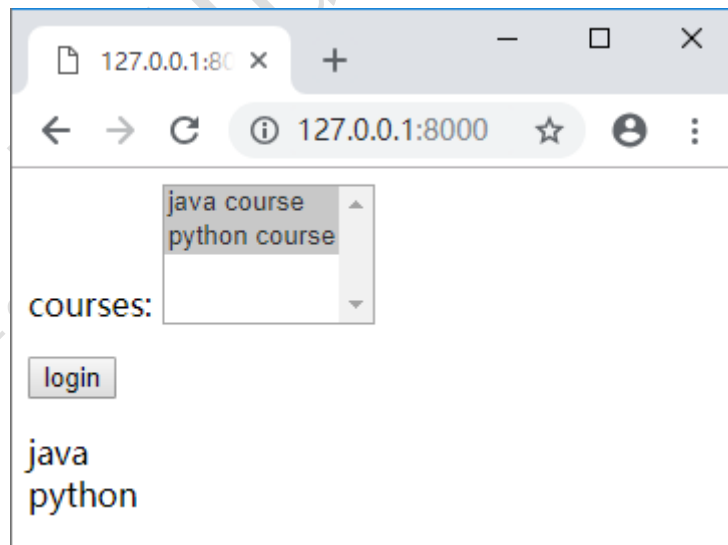


A screenshot of a web browser window showing a form. The browser's address bar displays '127.0.0.1:8000'. The form contains a label 'courses:' followed by a dropdown menu. The dropdown menu is open, showing two options: 'java' and 'python'. Below the dropdown menu is a 'login' button. At the bottom of the form, the words 'java' and 'python' are listed.

(*) form.py

```
from django import forms

class LoginForm(forms.Form):
    COURSES=[["java","java course"],["python","python course"]]
    courses=forms.MultipleChoiceField(label="courses",choices=COURSES)
```



A screenshot of a web browser window showing a form. The browser's address bar displays '127.0.0.1:8000'. The form contains a label 'courses:' followed by a dropdown menu. The dropdown menu is open, showing two options: 'java course' and 'python course'. Below the dropdown menu is a 'login' button. At the bottom of the form, the words 'java' and 'python' are listed.