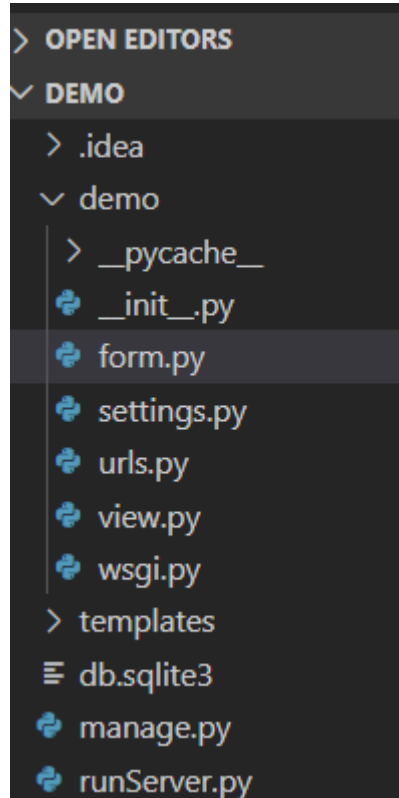


表单 text password

(*) 创建 demo\form.py



(*) urls.py

```
from django.conf.urls import url
from . import view

urlpatterns = [
    url(r'^$', view.show),
]
```

(*) form.py

```
from django import forms

class LoginForm(forms.Form):
    user=forms.CharField(label="UserName",required=False,max_length=8)
    password=forms.CharField(label="Password",required=False,max_length=8,widget=forms.PasswordInput)
```

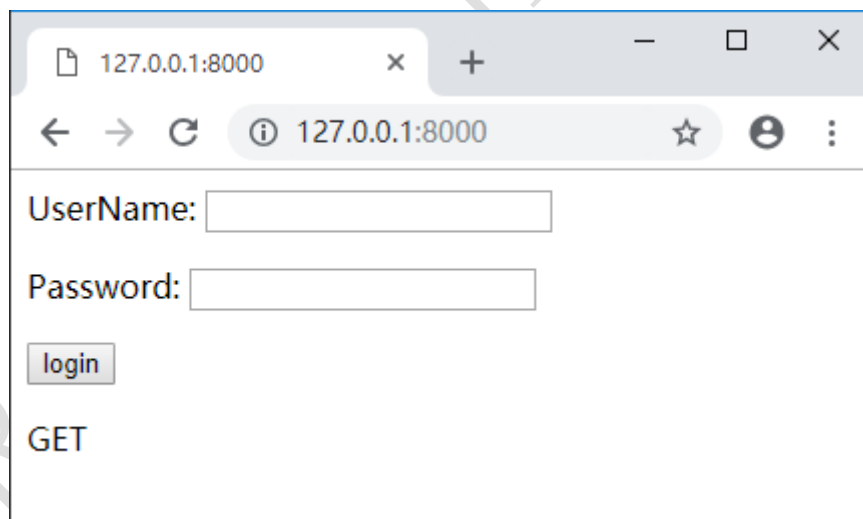
(*)show.html

```
<html>
<body>
<form name="frm" action="/" method="post">
{{form.as_p}}
    <input type="submit" value="login">
</form>
{{msg}}
</body>
</html>
```

(*) view.py

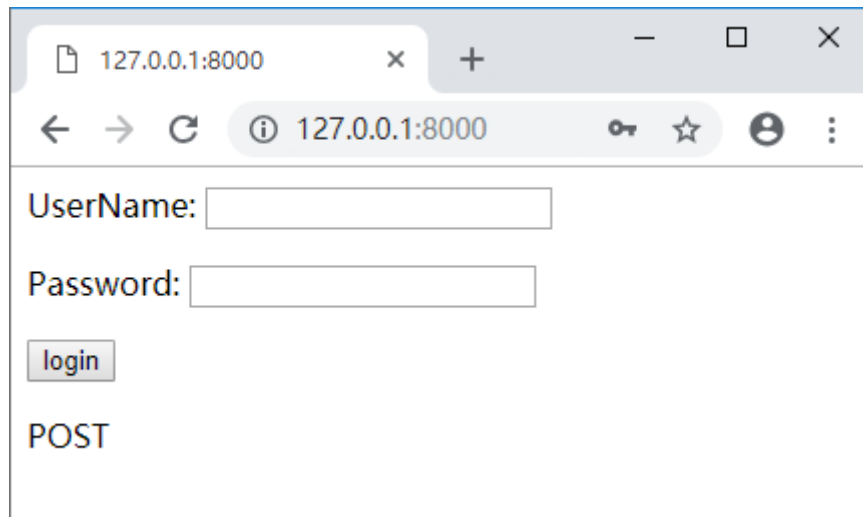
```
from django.shortcuts import render
from demo.form import LoginForm

def show(request):
    form=LoginForm()
    msg=request.method
    return render(request,"show.html",locals())
```



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000'. The page content includes a login form with two input fields: 'UserName:' and 'Password:'. Below these fields is a button labeled 'login'. At the bottom of the form area, the text 'GET' is visible.

Visit at first



127.0.0.1:8000

UserName:

Password:

login

POST

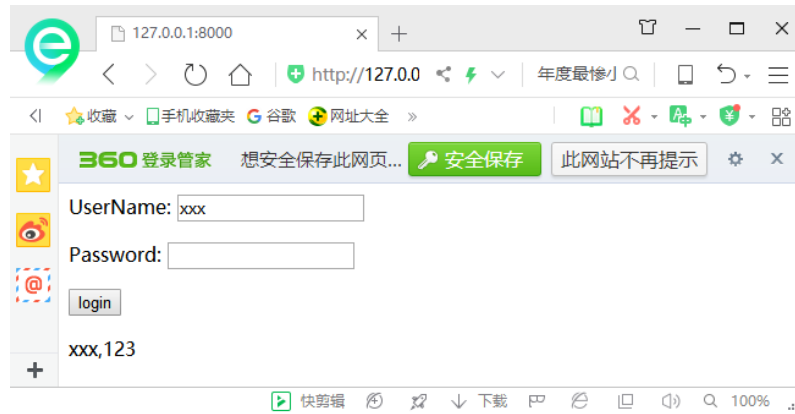
Enter some and submit. The text does not remain in the box because `form=LoginForm()` rather than `form=LoginForm(request.POST)`

- `LoginForm(request.GET)`使用 `request.GET` 的数据填充表单中的各个元素的值；
- `LoginForm(request.POST)`使用 `request.POST` 的数据填充表单中的各个元素的值；

(*) view.py

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

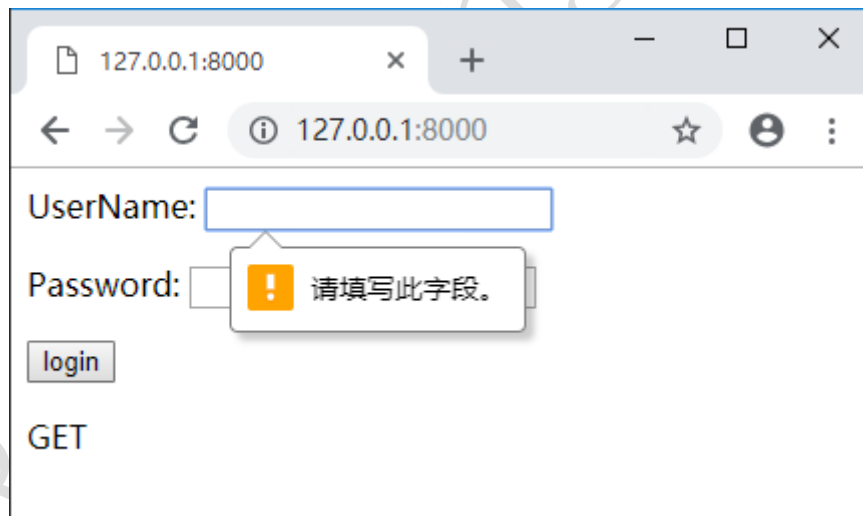
def show(request):
    if request.method=="POST":
        form=LoginForm(request.POST)
        user=request.POST.get("user")
        password=request.POST.get("password")
        msg=user+", "+password
    else:
        form=LoginForm()
    return render(request, "show.html", locals())
```

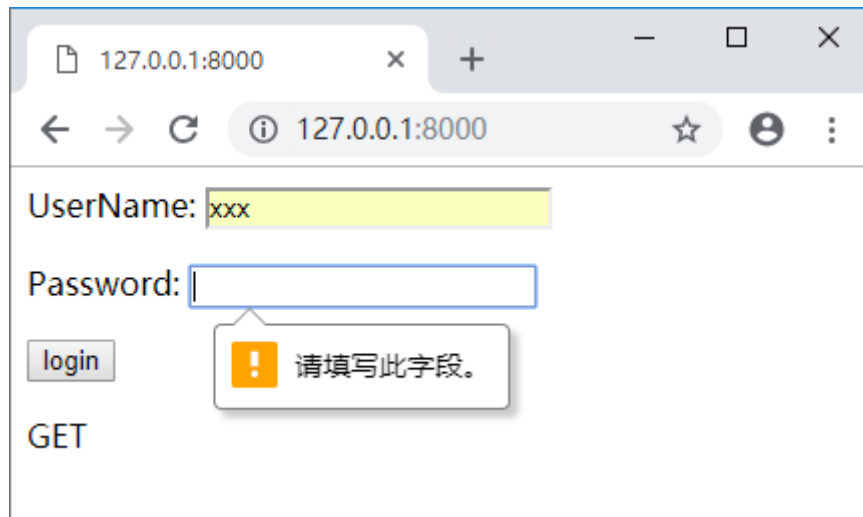


(*)form.py

```
from django import forms

class LoginForm(forms.Form):
    user=forms.CharField(label="UserName",required=True,max_length=8)
    password=forms.CharField(label="Password",required=True,max_length=
8,widget=forms.PasswordInput)
```





(*) show.html

```
<html>
<body>
<form name="frm" action="/" method="post">
{{form.as_p}}
    <input type="submit" value="login">
</form>
{{msg}}
</body>
</html>
```

转换的 HTML

```
<html>
<body>
<form name="frm" action="/" method="post">
<p><label for="id_user">UserName:</label> <input type="text" name="user" maxlength="8"
required id="id_user"></p>
<p><label for="id_password">Password:</label> <input type="password" name="password"
maxlength="8" required id="id_password"></p>
    <input type="submit" value="login">
</form>
GET
</body>
</html>
```

(*) show.html

```
<html>
```

```

<body>
<form name="frm" action="/" method="post">
  <table border="1">
{{form.as_table}}
  </table>
  <input type="submit" value="login">
</form>
{{msg}}
</body>
</html>

```

127.0.0.1:8000 x + - □ ×

← → ↻ ⓘ 127.0.0.1:8000 ☆ 👤 ⋮

UserName:

Password:

login

GET

HTML

```

<html>
<body>
<form name="frm" action="/" method="post">
  <table border="1">
<tr><th><label for="id_user">UserName:</label></th><td><input type="text" name="user"
maxlength="8" required id="id_user"></td></tr>
<tr><th><label for="id_password">Password:</label></th><td><input type="password"
name="password" maxlength="8" required id="id_password"></td></tr>
  </table>
  <input type="submit" value="login">
</form>
GET
</body>
</html>

```

(*) show.html

```

<html>
<body>
<form name="frm" action="/" method="post">
{{form.as_ul}}

```

```

    <input type="submit" value="login">
</form>
{{msg}}
</body>
</html>

```

12 x view- +

← → ↻ ⓘ 127.0.0.1:8000 ☆ 👤 ⋮

- UserName:
- Password:

login

GET

```

<html>
<body>
<form name="frm" action="/" method="post">
<li><label for="id_user">UserName:</label> <input type="text" name="user" maxlength="8"
required id="id_user"></li>
<li><label for="id_password">Password:</label> <input type="password" name="password"
maxlength="8" required id="id_password"></li>
    <input type="submit" value="login">
</form>
GET
</body>
</html>

```

(*) show.html

```

<html>
<body>
<form name="frm" action="/" method="post">
{{form.user}}<br>
{{form.password}}<br>
<input type="submit" value="login">
</form>
{{msg}}
</body>
</html>

```

-
-
- `{{form.as_p}}`把 form 的各个字段安排在各个<p>...</p>行中;
 - `{{form.as_table}}`把 form 的各个字段安排在一个<tr>....</tr>行中, 注意不包含<table>与</table>;
 - `{{form.as_ul}}`把 form 的各个字段安排在一个....行中, 注意不包含与;
 - `{{form.user}}`是一个 user 的 text 框, 得到:

```
<label for="id_user">UserName:</label> <input type="text" name="user" maxlength="8"
required id="id_user">
```

- `{{form.password}}`是一个 password 框, 得到:

```
<label for="id_password">Password:</label> <input type="password" name="password"
maxlength="8" required id="id_password">
```