

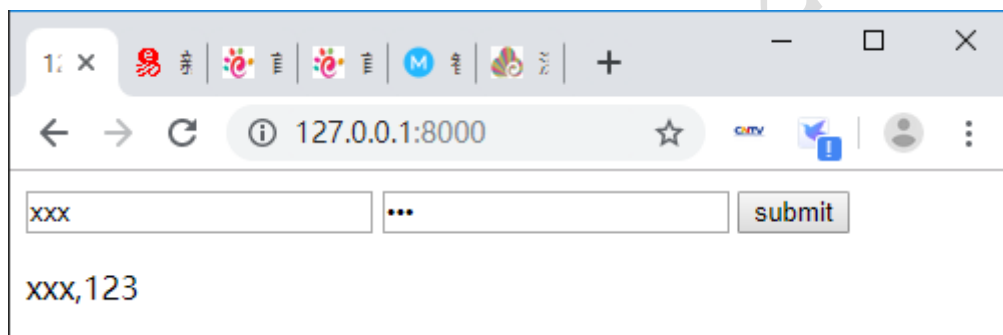
常用表单元素

(*) demo\urls.py

```
from django.contrib import admin
from django.urls import path
from django.conf.urls import url
from demo import views

urlpatterns = [
    url(r'^$', views.index),
]
```

(**) text、password 表单元素



(*) demo\views.py

```
from django.shortcuts import render

def index(request):
    user=""
    pwd=""
    msg=""
    if request.method=="POST":
        user=request.POST.get("user","")
        pwd=request.POST.get("pwd","")
        msg=user+", "+pwd
    return render(request,"show.html",locals())
```

(*) templates\show.html

```
<div>
```

```

<form name="frm" action="" method="post">
    <input type="text" name="user" value="{{user}}">
    <input type="password" name="pwd" value="{{pwd}}">
    <input type="submit" value="submit">
</form>
{{msg}}
</div>

```

(**) radio 元素

Male Female submit

Female

(*) demo\views.py

```

from django.shortcuts import render

def index(request):
    user=""
    sex="Male"
    if request.method=="POST":
        sex=request.POST.get("sex","Male")
        msg=sex
    return render(request,"show.html",locals())

```

(*) templates\show.html

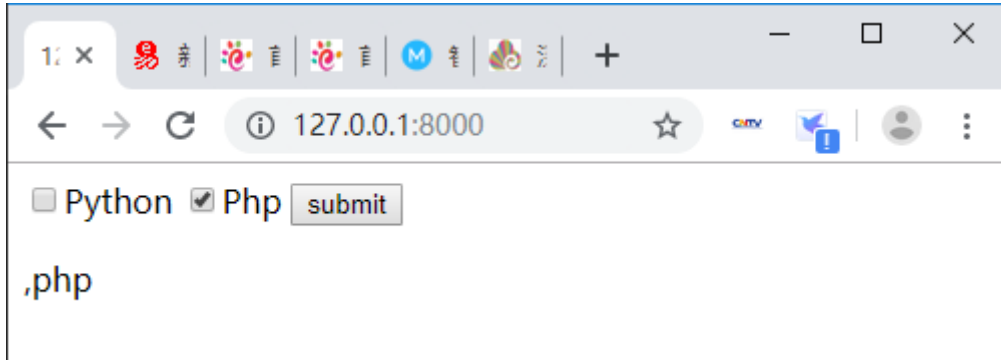
```

<form name="frm" action="" method="post">
    <input type="radio" name="sex" value="Male" {% if sex == "Male" %}checked{%endif %}>Male
    <input type="radio" name="sex" value="Female" {% if sex == "Female" %}checked{%endif %}>Female
    <input type="submit" value="submit">
</form>

```

```
{{msg}}
```

(**) checkbox 单选元素



(*) templates\show.html

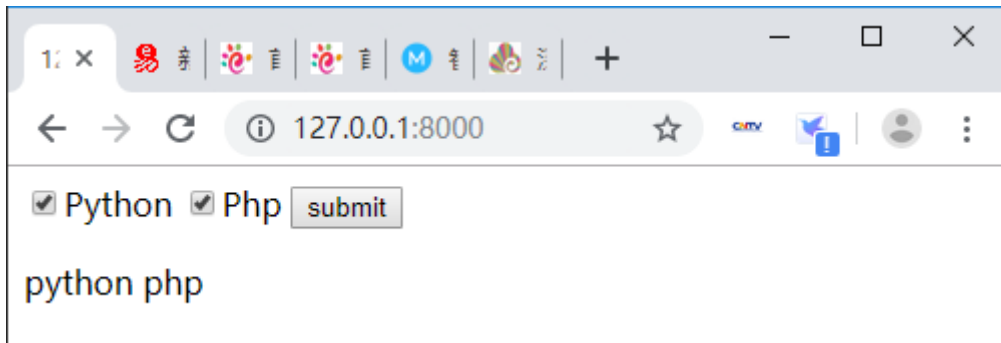
```
<form name="frm" action="" method="post">
    <input type="checkbox" name="python" value="python" {% if python == "python" %}checked{%endif %}>Python
    <input type="checkbox" name="php" value="php" {% if php == "php" %}checked{%endif %}>Php
    <input type="submit" value="submit">
</form>
{{msg}}
```

(*) demo\views.py

```
from django.shortcuts import render

def index(request):
    python=""
    php=""
    msg=""
    if request.method=="POST":
        python=request.POST.get("python","")
        php=request.POST.get("php","")
        msg=python+", "+php
    return render(request,"show.html",locals())
```

(**) checkbox 多选元素



(*) templates\show.html

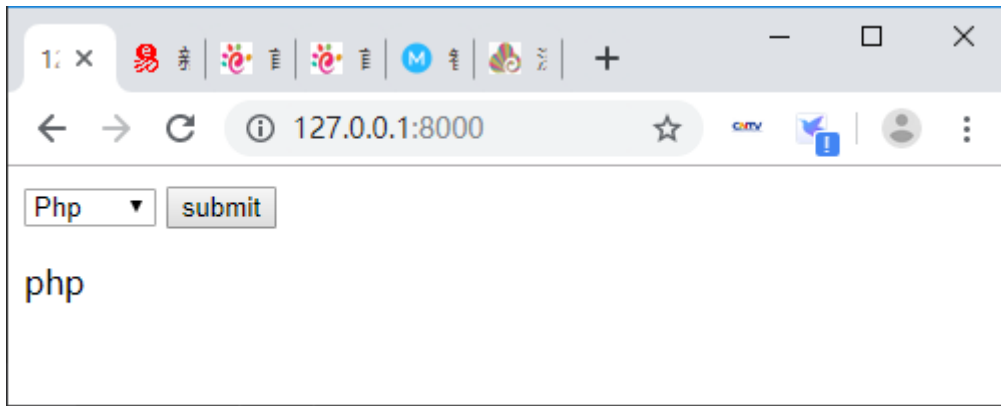
```
<form name="frm" action="" method="post">
    <input type="checkbox" name="courses" value="python" {% if "python" in courses %}checked{%endif %}>Python
    <input type="checkbox" name="courses" value="php" {% if "php" in courses %}checked{%endif %}>Php
    <input type="submit" value="submit">
</form>
{{msg}}
```

(*) demo\views.py

```
from django.shortcuts import render

def index(request):
    msg=""
    courses=[]
    if request.method=="POST":
        courses=request.POST.getlist("courses")
        for c in courses:
            msg=msg+c+" "
    return render(request,"show.html",locals())
```

(**) select 元素单选



(*) templates\show.html

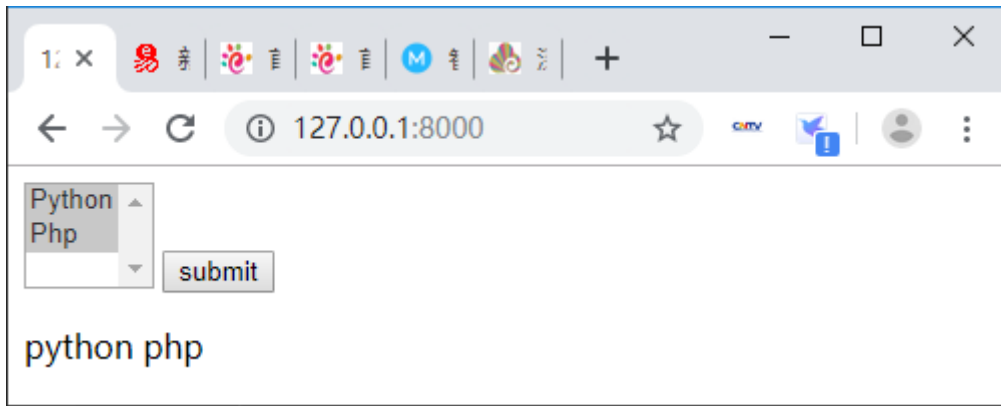
```
<form name="frm" action="" method="post">
    <select name="course" >
        <option value="python" {% if course == "python" %}selected{%
% endif %}>Python</option>
        <option value="php" {% if course == "php" %}selected{% endi
f %}>Php</option>
    </select>
    <input type="submit" value="submit">
</form>
{{msg}}
```

(*) demo\views.py

```
from django.shortcuts import render

def index(request):
    msg=""
    course=""
    if request.method=="POST":
        course=request.POST.get("course")
        msg=course
    return render(request,"show.html",locals())
```

(**) select 元素多选



(*) templates\show.html

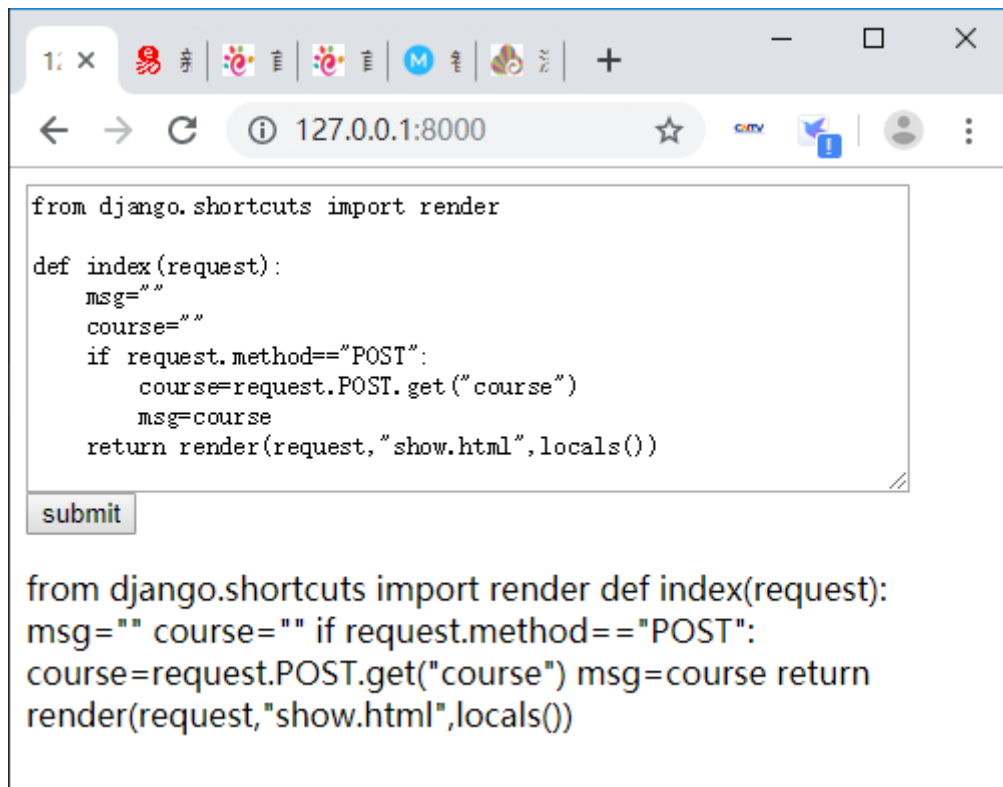
```
<form name="frm" action="" method="post">
    <select name="courses" size=3 multiple>
        <option value="python" {% if "python" in courses %}selected
{% endif %}>Python</option>
        <option value="php" {% if "php" in courses %}selected{% end
if %}>Php</option>
    </select>
    <input type="submit" value="submit">
</form>
{{msg}}
```

(*) demo\views.py

```
from django.shortcuts import render

def index(request):
    msg=""
    courses=[]
    if request.method=="POST":
        courses=request.POST.getlist("courses")
        for c in courses:
            msg=msg+c+" "
    return render(request,"show.html",locals())
```

(**) textarea 元素



(*) templates\show.html

```
<form name="frm" action="" method="post">
    <textarea name="course" rows="10" cols="60">{{course}}</textarea>
</form>
<input type="submit" value="submit">
{{msg}}
```

(*) demo\views.py

```
from django.shortcuts import render

def index(request):
    msg=""
    courses=[]
    if request.method=="POST":
        courses=request.POST.getlist("courses")
        for c in courses:
            msg=msg+c+" "
    return render(request,"show.html",locals())
```

总结:

(1) 如果表单元素的值是单一的, 那么使用

`elemValue=request.POST.get(elemName[,defaultValue])`

获取, 其中 `elemName` 有值提交, 产生 `elemName=elemValue` 对时获取 `elemValue` 的值, 不然获取 `defaultValue` 值。

(2) 如果表单元素的值是多值的, 那么使用

`elemValueList=request.POST.getlist(elemName)`

获取, 其中 `elemValueList` 是一个列表, 它是 `elemName` 元素提交时产生的 `elemName=v1&elemName=v2....`对获取的`[v1,v2,...]`列表, 不然获取空列表。

R. J. Huang 2020