

- **views.py**

```
def gf_view(request):
    print(request.COOKIE)
    username = request.COOKIE['name']
    age = request.GET['age']
    response = render(request, 'testapp/gf.html', {'name': username})
    response.set_cookie('age', age)
    return response
```

- **gf.html**

```
<body>
<h1>Hello {{name}}</h1>
<form action="">
    Enter GF Name:<input type="text" name="gf" value=""><br><br>
    <input type="submit" name="" value="Submit GF Name">
</form>
</body>
```

- **urls.py**

```
path('gf/', views.gf_view)
```

- **views.py**

```
def result_view(request):
    print(request.COOKIE)
    username = request.COOKIE['name']
    age = request.COOKIE['age']
    gfname = request.GET['gf']
    return
render(request, 'testapp/results.html', {'name': username, 'age': age, 'gf': gfname})
```

- **results.html**

```
<body>
<h1>Hello {{name}}, thanks for providing information</h1>
<h2>Please cross check your data and confirm</h2>
<ul>
    <li>Name:{{name}}</li>
    <li>Age:{{age}}</li>
    <li>GF Name:{{gf}}</li>
```

```
</ul>
</body>
```

- **urls.py**

```
path('results/',views.result_view)
```

### **Temporary Vs Permanent cookies**

If we are not setting any max\_age for the cookie, then cookies will be stored in browser's cache. Once we close the browser, automatically the cookies will be expired.

Such type of cookies are called as temporary cookies.

We can create temporary cookies:

```
response.set_cookie(name,value)
```

If we are setting max\_age for the cookies, then cookies will be stored in local file system permanently. Once the specified max\_age expired then only cookies will be expired---->Permanent cookies or persistent cookies.

We can create permanent cookies:

```
response.set_cookie(name,value,seconds)
```

```
max_age:3-months==>3*30*24*60*60
```

### **sessionproject-4**

```
D:\Django_20MAR_7PM>django-admin startproject sessionproject4
```

```
D:\Django_20MAR_7PM>cd sessionproject4
```

```
D:\Django_20MAR_7PM\sessionproject4>py manage.py startapp testapp
```

```
-->Add app in settings.py
```

```
-->Makemigrations and migrate
```

- **views.py**

```
def index_view(request):
    return render(request,'testapp/home.html')
```

- **home.html**

```
<body>
<div class="container">
    <div class="container" align = 'center'>
        <h1>MAHESH ONLINE SHOPPING APP</h1>
        <a class="btn btn-danger" href="#">Add Item</a>
        <a class="btn btn-danger" href="#">Display Items</a>
```

```
</div>
</div>
</body>
```

- **urls.py**

```
path("",views.index_view)
```

- **forms.py**

```
from django import forms
class AddItemForm(forms.Form):
    itemname = forms.CharField()
    quantity = forms.IntegerField()
```

- **views.py**

```
from testapp.forms import AddItemForm
def additem_view(request):
    form = AddItemForm()
    response = render(request,'testapp/additem.html',{'form':form})
    if request.method == 'POST':
        form = AddItemForm(request.POST)
        if form.is_valid():
            name = form.cleaned_data['itemname']
            quantity = form.cleaned_data['quantity']
            response.set_cookie(name,quantity)
    return response
```

- **additem.html**

```
body>
<div class="container" align='center'>
    <h1>Add Item Form</h1>
    <form method="post">
        {{form.as_p}}
        {% csrf_token %}
        <input type="submit" name="" value="Add Item">
    </form>
</div>
</body>
```

- **urls.py**

```
path('additem/', views.additem_view),
```