

## Django Cookie

- A cookie is a small piece of information which is stored in the client browser.
- It is used to store user's data in a file permanently (or for the specified time).
- Cookie has its expiry date and time and removes automatically when gets expire.
- Django provides built-in methods to set and fetch cookie.
- The **set\_cookie()** method is used to set a cookie and **get()** method is used to get the cookie.

The **request.COOKIES['key']** array can also be used to get cookie values.

## Django Cookie Example

- In **views.py**, two functions **setcookie()** and **getcookie()** are used to set and get cookie respectively

### **views.py**

```
from django.shortcuts import render

from django.http import HttpResponseRedirect

def setcookie(request):

    response = HttpResponseRedirect("Cookie Set")

    response.set_cookie('working', 'MNC')

    return response

def getcookie(request):

    data = request.COOKIES['working']
```

```
return HttpResponse("Working at: "+ data);
```

And URLs specified to access these functions.

### **urls.py**

```
from django.contrib import admin
from django.urls import path
from myapp import views

urlpatterns = [
    path('admin/', admin.site.urls),
    path('setcookie/', views.setcookie),
    path('getcookie/', views.getcookie),
]
```

### **To run the server application**

```
python manage.py runserver
```

- Go to browser window and type this url `http://127.0.0.1:8000`
- It will shows the view action and choose the view particular action

```
http://127.0.0.1:8000/setcookie
```