EX:5

NAME:SURIYAJAYASUBISRI S

ROLLNO:22UIT100

CODE;

MYAPP(VIEWS.PY)

```python
from django.shortcuts import render
from django.http import HttpResponse
def login_view(request):
    if request.method == "POST":
        username = request.POST.get('username')
        email = request.POST.get('email')
        mobile = request.POST.get('mobile')
        request.session['username'] = username
        request.session['email'] = email
        request.session['mobile'] = mobile
        response = HttpResponse(f"Logged in as {username}. Go to the <a href='/profile/'>profile</a>.")
        response.set_cookie('username', username, max_age=3600)
        response.set_cookie('email', email, max_age=3600)
        response.set_cookie('mobile', mobile, max_age=3600)
        return response
    return render(request, 'login.html')
def profile_view(request):
    username_from_session = request.session.get('username', 'Guest')
    email_from_session = request.session.get('email', 'Not set')
    mobile_from_session = request.session.get('mobile', 'Not set')
    username_from_cookie = request.COOKIES.get('username', 'Guest')
    email_from_cookie = request.COOKIES.get('email', 'Not set')
    mobile_from_cookie = request.COOKIES.get('mobile', 'Not set')
    session_message = f"Welcome {username_from_session}, Session created !!!!!"
```

```python
        cookie_message = f"Cookie for {username_from_cookie} is set."
        return render(request, 'profile.html', {
            'session_message': session_message,
            'cookie_message': cookie_message,
            'email_from_session': email_from_session,
            'mobile_from_session': mobile_from_session,
            'email_from_cookie': email_from_cookie,
            'mobile_from_cookie': mobile_from_cookie, })
def set_session(request):
    request.session['name'] = 'sereen'
    return HttpResponse('Session variable set')
def get_session(request):
    name = request.session.get('name', 'Guest')
    return HttpResponse(f'Session variable value: {name}')
def set_cookies(request):
    response = HttpResponse("Cookie data set")
    response.set_cookie('name', 'M.sereen', max_age=3600)
    return response
def get_cookies(request):
    name = request.COOKIES.get('name', 'Guest')
    return HttpResponse(f'Cookie value: {name}')
```

MYAPP(URLS.PY)

```python
from django.urls import path
from . import views
urlpatterns = [
    path('login/', views.login_view, name='login'),
    path('profile/', views.profile_view, name='profile'),
    path('set_session/', views.set_session, name='set_session'),  path('get_session/', views.get_session, name='get_session'),
```

```
    path('set_cookies/', views.set_cookies, name='set_cookies'),

    path('get_cookies/', views.get_cookies, name='get_cookies' ),

]
```

LOGIN.HTML:

```html
<!DOCTYPE html>

<html><head>

  <title>Login</title>

</head>

<body><center>

  <h1>Kamaraj College of Engineering and Technology</h1>

  <h2>Web Applications using Django Framework</h2>

  <h3>Sereen Fathima Gani.M(22uit103)</h3>

  <h4>Creating Session and Cookies using Django</h4>

  <h1>Login</h1>

  <form method="POST">

    {% csrf_token %}

    <label for="username">Username:</label>

    <input type="text" id="username" name="username" required><br><br>

     <label for="email">Email:</label>

    <input type="email" id="email" name="email" required><br><br>

     <label for="mobile">Mobile:</label>

    <input type="tel" id="mobile" name="mobile" pattern="[0-9]{10}" required><br><br>

     <button type="submit">Login</button> </form>

</center></body></html>
```

OUTPUT:

Kamaraj College of Engineering and Technology

Web Applications using Django Framework

suriyajayasubisri (22uit100)

Creating Session and Cookies using Django

Login

Username: suriya

Email: suriya@email.com

Mobile: 6578904312

[Login]

Kamaraj College of Engineering and Technology

Web Applications using Django Framework

suriyajayasubisri (22uit100)

Creating Session and Cookies using Django

Welcome suriya, Session created !!!!!

Cookie for suriya is set.