

**Отчет по лабораторной работе № 5 по курсу
“Разработка интернет-приложений”**

«Шаблонизация»

ИСПОЛНИТЕЛЬ:

студентка группы **ИУ5-53**

(подпись)

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Urls.py

```
from django.conf.urls import url
from django.contrib import admin
from testApp.views import Test, People
urlpatterns = [
    url(r'^admin/', admin.site.urls),
    url(r'^test/(?P<id>[0-9]+)/$', People.as_view(), name='people_url'),
    url(r'^test/', Test.as_view()),
]
```

Views.py

```
from django.shortcuts import render
from django.http import HttpResponse
from django.views.generic import View
import logging

class Test(View):
    def get(self, request):
        data = {
            'peoples': [
                {'first_name': 'Artem', 'last_name': 'Belkov', 'age': 20, 'status': 'student', 'id': 1},
                {'first_name': 'Oleg', 'last_name': 'Meluzov', 'age': 20, 'status': 'student', 'id': 2},
                {'first_name': 'Alexey', 'last_name': 'Urkevich', 'age': 20, 'status': 'student', 'id': 3},
                {'first_name': 'Slavik', 'last_name': 'Tonoyan', 'age': 71, 'status': 'teacher', 'id': 4},
                {'first_name': 'Igor', 'last_name': 'Papshev', 'age': 82, 'status': 'teacher', 'id': 5},
                {'first_name': 'Serg', 'last_name': 'Bolshakov', 'age': 70, 'status': 'teacher', 'id': 6},
                {'first_name': 'Vasilii', 'last_name': 'Kuznetsov', 'age': 21, 'status': 'teacher', 'id': 7}
            ]
        }
        logging.info(123)
        return render(request, 'peoples.html', data)

class People(View):
    def get(self, request, id):
        data = {
            'human': {
                'id': id
            }
        }
        logging.info(data)
        return render(request, 'human_info.html', data)
```

Style.css

```
@charset "utf-8";

*{
    margin: 0;
    padding: 0;
    outline: none;
}

html{
    height: 100%;
}

body{
    width: 100%;
    height: 100%;
    background-color: #ebf1fa;
    color: #333;
    font-family: "Segoe UI", Arial, sans-serif;
    font-size: 1em;
    line-height: 135%;
}

#list{
    margin-top: 20px;
    float: left;
}

#list a{
    text-decoration: none;
    color: #333333;
}

#list li{
    margin-left: 40px;
    padding: 6px;
    background-color: #e3e5fa;
    border-radius: 15px;
}

#list li:hover{
    background-color: #d5edfa;
}

#info{
    margin-left: 565px;
    float: left;
    margin-top: 50px;
    font-size: large;
    padding: 5px;
}

#info:hover{
    color: #333333;
    background-color: #d4d8f4;
    border-radius: 15px;
}
```

Html файлы:

Base.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    {% load static %}
    <link rel="stylesheet" type="text/css" href="{% static 'style.css' %}">
    <title>{% block title %}{% endblock %}</title>
</head>
<body>
    {% block body %}
        <div>Dynamic part</div>
    {% endblock %}
</body>
</html>
```

Peoples.html

```
{% extends 'base.html' %}
{% block title %}Some peoples{% endblock %}
{% block body %}
    <ul id="list">
        {% for human in peoples %}
            {% if 'last_name' in human %}
                {% include 'current_buddy.html' with element=human %}
            {% endif %}
            {% empty %}
            {% endfor %}
        </ul>
    {% endblock %}
```

Current_buddy.html

```
{% extends 'base.html' %}
{% block title %}{% endblock %}
{% block body %}
    <li><a href="{% url 'people_url' human.id %}">{{ human.first_name }} {{ human.last_name }}, {{ human.age }} years old</a></li><br>
{% endblock %}
```

Human_info.html

```
{% extends 'base.html' %}
{% block title %}Page of human #{{ human.id }}{% endblock %}
{% block body %}
    <div id="info">"Hello there", - human #{{ human.id }}</div>
{% endblock %}
```

Результат работы:

- Artem Belkov, 20 years old
- Oleg Meluzov, 20 years old
- Alexey Urkevich, 20 years old
- Slavik Tonoyan, 71 years old
- Igor Papshev, 82 years old
- Serg Bolshakov, 70 years old
- Vasiliy Kuznetsov, 21 years old

"Hello there", - human #1