

**Лабораторная работа №5 по дисциплине  
“Разработка интернет приложений”**

**Шаблонизация**

ИСПОЛНИТЕЛЬ:

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## Файл Urls.py

```
urlpatterns = [
    url(r'^function_view/', function_view),
    url(r'^class_b_view/', ClassBased.as_view()),
    url(r'^admin/', admin.site.urls),
    url(r'^$', main_page, name='main'),
    url(r'^order/(?P<id>\d+)', OrderView.as_view(), name='order_url'),
]
```

## Файл views.py

```
def function_view(request):
    return HttpResponse('response from func view')

class ClassBased(View):
    def get(self, request):
        return HttpResponse('response from class based view')

def main_page(request):
    data = {'orders': []}
    try:
        if int(request.GET["count"]) > 0:
            count=int(request.GET["count"])
    except:
        count=10
    for i in range(1, count + 1):
        data['orders'].append(
            {
                'id': i,
                'title': '{0}{1}'.format('Order N', i),
                'description': 'Very useful description №{0}'.format(i),
                'text': 'Very useful text №{0}'.format(i),
                'date': '{}'.format(datetime.now())
            }
        )
    return render(request, 'orders.html', data)

class OrderView(View):
    def get(self, request, id):
        data = {'orders': []}
        i = id
        for j in range(1, int(i) + 1):
            data['orders'].append(
                {
                    'id': j,
                    'title': '{0}{1}'.format('Order N', j),
                    'description': 'Very useful description №{0}'.format(j),
                    'text': 'Very useful text №{0}'.format(j),
                    'date': '{}'.format(datetime.now())
                }
            )
        data_order = {
            'order': data['orders'][int(id)-1]
        }
        return render(request, 'order.html', data_order)
```

## base.html

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<meta charset="utf-8">
<head>
  <link rel="stylesheet" type="text/css" href="{% static 'bootstrap.css' %}">
  <link rel="stylesheet" type="text/css" href="{% static 'bootstrap-theme.css' %}">
  <meta charset="UTF-8">
  <title>{% block title %}{% endblock %}</title>
</head>
<body>
  <div class="navbar navbar-inverse">
    <div class="container">
      <div class="navbar-header">
        <a class="navbar-brand" href="{% url 'main' %}">Lab 5</a>
      </div>
    </div>
  </div>
  <div class="container">
    <header>{% block header %}{% endblock %}</header>
    <div>
      {% block body %}{% endblock %}
    </div>
  </div>
  <div class="container">
    <div class="footer">
      <p>сору Чечелев Денис Сергеевич PT5-51 2017</p>
    </div>
  </div>
</body>
</html>
```

## Orders.html

```
1   {% extends 'base.html' %}
2
3   {% block title %}Заказы{% endblock %}
4
5   {% block header %}<h1 class="text-left">Заказы</h1>{% endblock %}
6
7   {% block body %}
8     {% for order in orders %}
9       {% if not order.id|divisibleby:2 %}
10        <div class="row">
11          {% endif %}
12        <div class="col-sm-6">
13          {% include 'order_element.html' with element=order %}
14        </div>
15        {% if order.id|divisibleby:2 or forloop.last %}
16          </div>
17          <hr>
18        {% endif %}
19      {% empty %}
20        <li>Список пуст</li>
21      {% endfor %}
22    {% endblock %}
```

## Order.html

```
1  {% extends 'base.html' %}
2
3  {% block title %}Заказы № {{ order.id }}{% endblock %}
4
5  {% block header %}<h1>{{ order.title }}</h1>{% endblock %}
6
7  {% block body %}
8      <p>{{ order.text }}</p>
9      <p>{{ order.date }}</p>
10  {% endblock %}
```

## Order\_element.html

```
1  <h3><a href="{% url 'order_url' element.id %}">{{ element.title }}</a></h3>
2  <p>{{ element.description }}</p>
```

Результат работы:





