Django

forms

План

- html теги формы и полей
- GET vs POST
- django.forms
- работа с объектом формы

html form

```
<form action="/" method="get">
  <input name="student_name" type="text" />
  <input name="student_package" type="radio"
value='vip' />
  <input name="student_package" type="radio"
value='standart' />
  <input name="student_package" type="radio"
value='base' />
  <input type="submit" />
</form>
```

html input types

button
checkbox
file
hidden
image
password
radio
reset
submit
text

html other fields

button
label
select
option
textarea

html form method

<form action="/" **method="get"**>
...
</form>

http://127.0.0.1:8000/?
student_name=John&student_package=vip

<form action="/" **method="post"**>
...
</form>

http://127.0.0.1:8000/

Дока наше все!

http://htmlbook.ru/html/form
http://htmlbook.ru/html/type/form

django view

```
def students_list(request):
    print request.method
    print request.GET
    print request.POST
    students = Student.objects.all()
    return render(request, 'students/list.html',
                              {'students': students})
```

django.forms

```python
from django import forms

class StudentForm(forms.Form):
    CHOICES = (('vip', 'vip'),
                ('standart', 'standart'),
                ('gold', 'gold'),)
    student_name = forms.CharField(max_length=100)
    student_package =
forms.ChoiceField(widget=forms.RadioSelect,
                        choices=CHOICES)
```

Дока наше все!

https://docs.djangoproject.com/en/1.7/topics/forms/

django form view

```
def student_edit(request):
    if request.method == 'post':
        form = StudentForm(request.POST)
        if form.is_valid():
            #process data
            print form.cleaned_data
            return redirect('student_list')
    else:
        form = StudentForm()

    return render(request, 'students/edit.html',
                          {'form': form})
```

django form template

edit.html
```
<html>

<form method='post'>
{% csrf_token %}
{{ form }}
<input type='submit' />
</form>

</html>
```

django form template

```
<form method='post'>
{% csrf_token %}

{% for field in form%}
  {{ field }}
{% endfor %}


<input type='submit' />

</form>
```