

## Feedback project:

```
D:\Django_20MAR_7PM>django-admin startproject feedbackproject
```

```
D:\Django_20MAR_7PM>cd feedbackproject
```

```
D:\Django_20MAR_7PM\feedbackproject>py manage.py startapp testapp
```

--->Add app in settings.py

- **forms.py**

```
from django import forms
```

```
class FeedBackForm(forms.Form):
```

```
    name = forms.CharField()
```

```
    rollno = forms.IntegerField()
```

```
    email = forms.EmailField()
```

```
    feedback = forms.CharField(widget=forms.Textarea)
```

- **views.py**

```
from testapp.forms import FeedBackForm
```

```
def feedback_view(request):
```

```
    submitted = False
```

```
    name = ''
```

```
    if request.method == 'POST':
```

```
        form = FeedBackForm(request.POST)
```

```
        if form.is_valid():
```

```
            print('Form validation success and printing  
feedbackinformation') print('*'*55)
```

```
            print('Name:',form.cleaned_data['name'])
```

```
            print('RollNo:',form.cleaned_data['rollno'])
```

```
            print('Email:',form.cleaned_data['email'])
```

```
            print('Feedback:',form.cleaned_data['feedback'])
```

```
            submitted = True
```

```
name = form.cleaned_data['name']
```

```
form = FeedBackForm()
```

```
return render(request, 'testapp/feedback.html',  
{ 'form': form, 'submitted': submitted, 'name': name })
```

- **feedback.html**

```
<body>
```

```
    <div class='container' align='center'>
```

```
        {% if submitted %}
```

```
            <h1>Hello {{name}}, thanks for providing feedback, It is very helpful for  
us to provide better service </h1>
```

```
        {% else %}
```

```
            <h1>Student Feedback Form</h1>
```

```
            {{form.as_p}}
```

```
            {% csrf_token %}
```

```
            <input type="submit" name="" value="Submit Feedback">
```

```
        </form>
```

```
        {% endif %}
```

```
    </div>
```

```
</body>
```

- **feed1.css**

```
body{  
background: yellow;  
color:red;  
}
```

- **urls.py**

```
path('feed/', views.feedback_view),
```

## **Form Validations:**

-->We can implement validation logic by using 2-ways.

- 1.Explicitly by the programmer by using clean methods
- 2.By using django in-built validators. -->Total validation logic should be written inside forms.py

## **Basic OOP knowledge:**

```
class Parent:
```

```
    def __init__(self):
```

```
        self.x = 333
```

```
    def property(self):
```

```
        print('gold + land + cash')
```

```
class Child(Parent):
```

```
    def education(self):
```

```
        print('B-Tech qualification + Job')
```

```
c = Child()
```

```
c.education()
```

```
c.property()
```

```
print(c.x)
```

**Ex:**

```
class Form:
```

```
    def __init__(self):
```

```
        self.cleaned_data = {'name':'sunny'}
```

```
class FeedbackForm(forms.Form):
```

```
    name = forms.CharField()
```

```
    rollno = forms.IntegerField()
```

```
    email = forms.EmailField()
```

```
        feedback = forms.CharField(widget=forms.Textarea)
from = FeedBackForm()
form.cleaned_data['name']
```

**Ex:**

```
class Parent:
    def marry(self):
        print('Marry Appalamma')
class Child(Parent):
    def marry(self):
        print('Marry Katrina Kaif')
c = Child()
c.marry()
```