

TUGAS

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MK : Pemrograman Mobile B

Ketik code dari playlist youtube

1. Urls.py

```
from django.contrib import admin
from django.urls import path
from perpustakaan.views import
from django.contrib.auth.views import loginview

urlpatterns = [
    path('admin/', admin.site.urls),
    path('buku/', buku, name='buku'),
    path('penerbi/', penerbit, name='penerbit'),
    path('tambah-buku/', tambah_buku, name='tambah_buku'),
    path('buku/ubah/<int:id_buku>', ubah_buku, name='ubah_buku'),
    path('buku/hapus/<int:id_buku>', hapus_buku, name='hapus_buku'),
    path('masuk/', loginview.as_view(), name='masuk'),
]
```

2. Forms.py

```
from django.fprms import ModelForm
from django import forms
```

```
from perpustakaan.models import Buku
```

```
class FormBuku(ModelForm):
```

```
    class Meta:
```

```
        model = Buku
```

```
        fields = ['penerbit']
```

```
    widgets = {
```

```
        'judul': forms.TextInput({'class':'form-control'})
```

```
        'penulis': forms.TextInput({'class':'form-control'})
```

```
        'penerbit': forms.TextInput({'class':'form-control'})
```

```
        'jumlah': forms.NumberInput({'class':"forms-control"})
```

```
        'kelompok_id': forms.Select({'class':'form-control'})
```

```
    }
```

3. View.py

```
from django.shortcuts import render,redirect
```

```
from perpustakaan.models import buku
```

```
from perpustakaan.forms import ForBuku
```

```
from django.contrib import messages
```

```
def hapus_buku(request, id_buku):
```

```
    buku = Buku.objects.filter(id=id_buku)
```

```
    buku.delete()
```

```
    messages.success(request, "Data Berhasil dihapus:")
```

```
return redirect('buku')
```

```
def ubah_buku(request, id_buku):
```

```
    buku = Buku.objects.get(id=id_buku)
```

```
    template = 'ubah-buku.html'
```

```
    if request.POST:
```

```
        form = FormBuku(request.POST, instance=buku)
```

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

```
            form.save()
```

```
            messages.success(request, "Data Berhasil diperbaharui:")
```

```
            return redirect('ubah_buku', id_buku=id_buku)
```

```
    else:
```

```
        form = FormBuku(instance=Buku)
```

```
        konteks = {
```

```
            'form': form,
```

```
            'buku': buku,
```

```
        }
```

4. Models.py

```
from django.db import models
```

```
# Create your models here.
```

```
class kelompok(models.Model):
```

```
    nama = models.CharField(max_length=9)
```

```
    keterangan = models.TextField()
```

```
def __str__(self):  
    return self.nama
```

```
class Buku(models.Model):  
    judul = model.CharField(max_length=50)  
    penulis = models.CharField(max_length=40)  
    penerbit = models.CharField(max_length=40)  
    jumlah = models.IntegerField(null=True)  
    kelompok_id = models.ForeignKey(Kelompok, on_delete=models.CASCADE,  
null=)
```

```
def __str__(self):  
    return self.judul
```

5. Admin.py

```
from django.contrib import admin  
from perpustakaan.models import Buku, Kelompok  
#Register your models here.
```

```
class BukuAdmin(admin.ModelAdmin):  
    list_display = ['judul', 'penulis', 'penerbit', 'jumlah']  
    search_fields = ['judul', 'penulis', 'penerbit']  
    list_filter = ('kelompok_id',)  
    list_per_page = 4
```

```
admin.site.register(Buku, BukuAdmin)
```

```
admin.site.register(Kelompok)
```

6. Settings.py

```
from django.shortcuts import render
```

```
def buku(request):
```

```
    return render(request, 'buku.html')
```

```
def penerbit(request):
```

```
    return HttpResponse('<h1>Halaman Penerbit</h1>')
```