

Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

E:\Django Github\DjangoProjects\Django09 FBV>**django-admin startproject projectOne**

E:\Django Github\DjangoProjects\Django09 FBV>**cd projectOne**

E:\Django Github\DjangoProjects\Django09 FBV\projectOne>**py manage.py startapp appOne**

E:\Django Github\DjangoProjects\Django09 FBV\projectOne>

Settings.py

```
INSTALLED_APPS = [  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
    'appOne'  
]
```

Templates

```
'DIRS': [r'E:/Django Github/DjangoProjects/Django09 FBV/projectOne']
```

Static

```
STATIC_URL = '/static/'  
STATICFILES_DIRS=[  
    BASE_DIR/"static"  
]
```

Models.py

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

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

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

```
    productBrandName = models.CharField(max_length=30)
```

```
    productBrandModel = models.CharField(max_length=30)
```

```
    productBrandCost = models.FloatField()
```

Forms.py

```
from django import forms
```

```
from appOne.models import Product
```

```
class ProductForm(forms.ModelForm):
```

```
    class Meta:
```

```
        model = Product
```

```
        fields = '__all__'
```






Views.py

```
from django.shortcuts import render
from appOne.models import Product

# Create your views here.
def getProducts(request):
    products = Product.objects.all()
    return render(request, 'templates/index.html', {'products': products})
```

Templates and Static Folders

This PC > Saif (E:) > Django Github > DjangoProjects > Django09 FBV > projectOne

Name	Date modified	Type	Size
 appOne	6/10/2022 1:27 PM	File folder	
 projectOne	6/10/2022 12:42 PM	File folder	
 static	6/10/2022 1:41 PM	File folder	
 templates	6/10/2022 1:41 PM	File folder	
 manage	6/10/2022 12:41 PM	PY File	1 KB

index.html

```
<!DOCTYPE html>
{% load static %}
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title></title>
    <link rel="stylesheet" href="{% static 'styleone.css'%}">
  </head>
  <body>
    <table>
      <thead>
        <tr>
          <th>Id</th>
          <th>Brands</th>
          <th>Model</th>
          <th>Cost</th>
        </tr>
      </thead>
      <tbody>
        {% for p in products%}
        <tr>
          <td>{{p.id}}</td>
          <td>{{p.productBrandName}}</td>
          <td>{{p.productBrandModel}}</td>
          <td>{{p.productBrandCost}}</td>
        </tr>
        {% endfor %}
      </tbody>
    </table>
  </body>
</html>
```

Styleone.css

```
table,th,td {
    border: 2px solid brown;
    padding: 4px;
    font-family: cursive;
}
tr:hover {
    background-color: lightskyblue;
}
table {
    border-collapse: collapse;
    width: 100%;
    text-align: center;
}

thead {
    background-color: limegreen;
    color: black;
    /* this black color overriding odd */
}

a {
    text-decoration: none;
}
```

Database

```
DATABASES = {  
    'default': {  
        'ENGINE': 'django.db.backends.mysql',  
        'NAME': 'django09',  
        'USER': 'root',  
        'PASSWORD': 'root'  
    }  
}
```

Migrations

Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

```
E:\Django Github\DjangoProjects\Django09 FBV\projectOne>py manage.py  
makemigrations
```

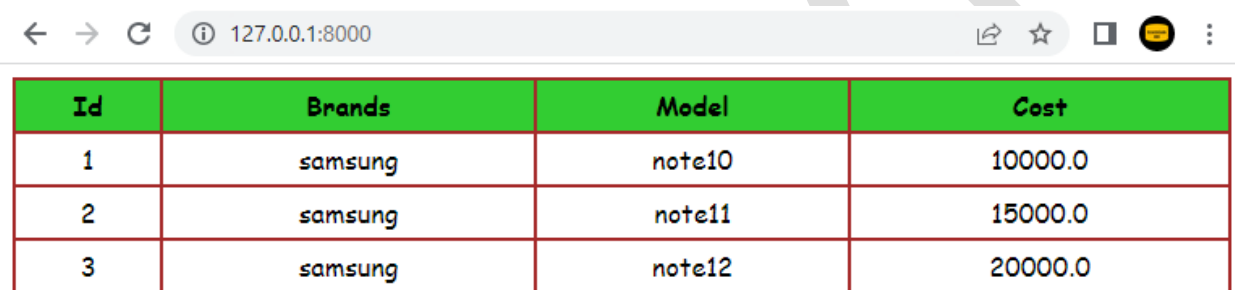
```
E:\Django Github\DjangoProjects\Django09 FBV\projectOne>py manage.py  
sqlmigrate appOne 0001
```

```
E:\Django Github\DjangoProjects\Django09 FBV\projectOne>py manage.py  
migrate
```

URLs.py

```
from django.contrib import admin
from django.urls import path
from appOne import views
```

```
urlpatterns = [
    path('admin/', admin.site.urls),
    path("", views.getProducts)
]
```



A screenshot of a web browser displaying a table of products. The browser's address bar shows the URL '127.0.0.1:8000'. The table has four columns: 'Id', 'Brands', 'Model', and 'Cost'. It contains three rows of data, all for 'samsung' products. A large, light gray 'Sale' watermark is visible across the bottom half of the image.

Id	Brands	Model	Cost
1	samsung	note10	10000.0
2	samsung	note11	15000.0
3	samsung	note12	20000.0