Create an application with Tables, grids in Django.

Step: 1

create a Folder (ctrl + shift +N)

Ex: Tables

Folder name is user choice.

Step: 2

open vs code Editor

go to File option

go to open Folder   (or) cmd → code .

open your Folder Tables

click on select Folder.

Step: 3

open terminal (or) use ctrl + shift + '

Step: 4

create a Project By using following command.

Python -m django startProject tableProject
                                         ↓
                                    Project name

Step 5:

go to project directory by using following command.

```
cd    tableproject
```

Step 6:

create a app by using following command

```
Python   manage.py  startapp   tableapp
```
↓
appname.

Step 7:

open Tables folder

Tables
└ table project.

Step 8:

open tableproject Folder

table Project
table app

Step 9:

open settings.py File

Step 10 :

See the Installed APPS = [

'django.contrib.admin',

'django.contrib.auth',

]

might like this.

Step 11 :

Register the app in installed apps

Installed APPS = {

`table app',

]

click on save.

Step 12 :

Right click on table app

click on New Folder

give Folder name as templates

Step 13:

Right click on templates

give the File name home.html

click on Enter. and write following code.

```html
<html>
<head>
<title> Table & Grid in Django </title>
<link rel = "stylesheet" href = "https://
    cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/
    css/bootstrap.min.css">

</head>
<body class = "container mt-4">
    <h2 class = "text center"> User Table </h2>
    < table class = "table table- bordered table- striped">
    < thead class = "table -dark">

<tr>
<th> ID </th>
<th> Name </th>
<th> Age </th>
</tr>
</thead>
```

```html
<tbody>
{% for Person in data %}

<tr>
<td> {{ Person.id }} </td>
<td> {{ Person.name }} </td>
<td> {{ Person.age }} </td>
</tr>
{% endfor %}

</tbody>
</table>
<h2 class = "text-center mt-5"> Bootstrap.
    Grid Example </h2>
<div class = "row">
{% for Person in data %}
<div class = "col-md-4">
<div class = "card text-center P-3 mb-3 shadow">
<h5> {{ Person.name }} </h5>
<P> Age : {{ Person.age }} </P>
<div>
</div>
{% endfor %}
</div>
</body>
</html>
```

click on save

Step 14:

Open `views.py` file in **tableapp** folder.

write the following code.

```python
from django.shortcuts import render

data = [
    {"id": 1,    "name": "Trump",  "age": 60},
    {"id": 2,    "name": "Putin",  "age": 65},
    {"id": 3,    "name": "Kim",    "age": 45},
]

def home (request):
    return render(request, 'home.html',
                  {'data': data})
```
click on save

Step 15:

Open `urls.py` file in **tableProject** folder

write the following code

```
from django.contrib import admin
from django.urls import Path
from tableapp import views.

urlpatterns = [

Path('admin/', admin.site urls),
Path('', views.home, name='home'),

]
```

click on save

Step 16:

go to tableproject directory and use the following command to run the server.

```
Python manage.py runserver.
```