

Write URL Pattern inside Application

- Create an urls.py file inside each application (in case multiple application).
- Write all url pattern related to application, in urls.py file available inside application.
- Include Application's urls.py file inside Project's urls.py file.

include ()

A function that takes a full Python import path to another URLconf module that should be “included” in this place.

Optionally, the application namespace and instance namespace where the entries will be included into can also be specified.

include() also accepts as an argument either an iterable that returns URL patterns or a 2-tuple containing such iterable plus the names of the application namespaces.

urlpatterns can “include” other URLconf modules.

Syntax:-

```
include( 'app_name.urls')
```

views.py in Application Folder

```
from django.http import HttpResponse
def learn_django(request):
    return HttpResponse('Hello Django')
def learn_python(request):
    return HttpResponse('<h1>Hello Python</h1>')
```

urls.py in Application Folder

```
from course import views  
  
urlpatterns = [  
    path('learndj/', views.learn_django),  
    path('learnpy/', views.learn_python),  
]
```

urls.py in Project Folder

```
from django.urls import path, include  
  
urlpatterns = [  
    path('cor/', include('course.urls')),  
]
```

<http://127.0.0.1:8000/cor/learndj>

<http://127.0.0.1:8000/cor/learnpy>