

DeleteView

Delete View refers to a view (logic) to delete a particular instance of a table from the database.

Class Based Views automatically setup everything from A to Z. One just needs to specify which model to create DeleteView for, then Class based DeleteView will automatically try to find a template in `app_name/modelname_confirm_delete.html`. In our case it is `geeks/templates/geeks/geeksmodel_confirm_delete.html`.

After you have a project and an app, let's create a model of which we will be creating instances through our view. In `geeks/models.py`,

```
# import the standard Django Model
# from built-in library
from django.db import models

# declare a new model with a name "GeeksModel"
class GeeksModel(models.Model):

    # fields of the model
    title = models.CharField(max_length = 200)
    description = models.TextField()

    # renames the instances of the model
    # with their title name
    def __str__(self):
        return self.title
```

After creating this model, we need to run two commands in order to create Database for the same.

Python `manage.py makemigrations`

Python `manage.py migrate`

Now we will create a Django ModelForm for this model. Refer this article for more on modelform – [Django ModelForm – Create form from Models](#). create a file `forms.py` in `geeks` folder,

```
from django import forms
from .models import GeeksModel
```

```

# creating a form
class GeeksForm(forms.ModelForm):

    # create meta class
    class Meta:
        # specify model to be used
        model = GeeksModel

        # specify fields to be used
        fields = [
            "title",
            "description",
        ]

```

Let's create our class based view. In `geeks/views.py`,

```

# import generic UpdateView
from django.views.generic.edit import DeleteView

# Relative import of GeeksModel
from .models import GeeksModel

class GeeksDeleteView(DeleteView):
    # specify the model you want to use
    model = GeeksModel

    # can specify success url
    # url to redirect after successfully
    # deleting object
    success_url = "/"

```

Now create a url path to map the view. In `geeks/urls.py`,

```

from django.urls import path

# importing views from views..py
from .views import GeeksDeleteView

urlpatterns = [
    # <pk> is identification for id field,
    # slug can also be used

```

```
path('<pk>/delete/', GeeksDeleteView.as_view()),  
]
```

Create a template in templates/geeks/geeksmodel_confirm_delete.html,

```
<form method="post">{% csrf_token %}  
  
<p>Are you sure you want to delete "{{ object }}"?</p>  
  
    <input type="submit" value="Confirm">  
</form>
```

Let's check what is there on <http://localhost:8000/1/delete>

