Module – 5

Learning Objectives

- **Task – Displaying a detail view for each post**

- Understanding the primary key (<int:pk>) concept

- Adding a detail view to object

- **Task – Providing delete functionality**

- Deleting an object

- Difference between redirect() and render()

blog/templates/listposts.html

```html
{% extends 'base.html' %}
{% block base%}
<div class="row">
    <div class="col-md-8">
        {% for post in posts %}
        <h3><a href="{% url 'detailview' post.pk %}">{{ post.title }}</a></h3>
        {{ post.created_date }}
        {% endfor %}
    </div>
</div>
{% endblock%}
```

blog/urls.py

```python
from django.urls import path

from . import views

urlpatterns = [
    path('', views.postListView, name='listposts'),
    path('post/<int:pk>/', views.postDetailView, name='detailview'),
    path('post/<int:pk>/delete', views.postDeleteView, name='deletepost'),
]
```

blog/views.py

```python
from django.shortcuts import render, get_object_or_404, redirect
from .models import Post

# List all the Posts
def postListView(request):
    posts = Post.objects.all()
    return render(request, 'listposts.html', {'posts': posts})

# View a specific post
def postDetailView(request, pk):
    post = get_object_or_404(Post, pk=pk)
    return render(request, 'detailview.html', {'post': post})

# Delete a post
def postDeleteView(request, pk):
    post = get_object_or_404(Post, pk=pk)
    post.delete()
    return redirect('listposts')
```

blog/templates/detailview.html

```
{% extends 'base.html' %}
{% block title %}
{{post.title }}
{% endblock %}
{% block base%}
<div class="content container">
    <div class="row">
        <div class="card col-md-12 border-right-0 border-left-0 border-top-0 border-bottom-0">
            <div class="card-header">
              <h2>{{ post.title }}</h2>
              {{ post.created_date }}
              <span style="float: right;">
                        <a href="{% url 'deletepost' post.pk %}" class="btn btn-link">Delete</a>
              </span>
            </div>
            <div>
                <p>{{ post.text}}</p>
            </div>
        </div>
    </div>
</div>
<br><br>
{% endblock %}
```