

Design a form to. create a Post for Author which contains following Fields

a) Post Title. b) Content

models.py

```
1 from django.db import models
2
3 class Post(models.Model):
4     title = models.CharField(max_length=200)
5     content = models.TextField()
6     created_at = models.DateTimeField(auto_now_add=True)
7
8     def __str__(self):
9         return self.title
10
```

forms.py

```
1 from django import forms
2 from .models import Post
3
4 class PostForm(forms.ModelForm):
5     class Meta:
6         model = Post
7         fields = ['title', 'content']
8         widgets = {
9             'title': forms.TextInput(attrs={'class': 'form-control', 'placeholder': 'Enter post title'}),
10            'content': forms.Textarea(attrs={'class': 'form-control', 'placeholder': 'Write your content here...'}),
11        }
12
```

Design a suitable url and view to access the form with GET Request.

urls.py

```
1 from django.urls import path
2 from . import views
3
4 urlpatterns = [
5     path('create-post/', views.create_post, name='create_post'),
6 ]
7
```

Design view to save the data received from the form into Model Post.

views.py

```
1 from django.shortcuts import render, redirect
2 from .forms import PostForm
3
4 def create_post(request):
5     if request.method == 'POST':
6         form = PostForm(request.POST)
7         if form.is_valid():
8             form.save() # Save post to the database
9             return redirect('post_success') # Redirect after successful post creation
10    else:
11        form = PostForm() # Display empty form for GET request
12
13    return render(request, 'blog/create_post.html', {'form': form})
14
```

templates/blog/create_post.html

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Create New Post</title>
6   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css">
7 </head>
8 <body class="container mt-5">
9   <h2>Create a New Post</h2>
10  <form method="POST">
11    {% csrf_token %} ← Security token to prevent CSRF attacks →
12    {{ form.as_p }} ← Render form fields →
13    <button type="submit" class="btn btn-primary">Publish Post</button>
14  </form>
15 </body>
16 </html>
17
```