

## DJANGO

```
- [ ] python -m django startproject myapp
- [ ] cd myapp
- [ ] python -m django startapp articles
- [ ] python manage.py makemigrations
- [ ] python manage.py migrate
- [ ] python manage.py createsuperuser
- [ ] python manage.py runserver
```

1. settings.py - 'articles',

2. urls.py

```
urlpatterns = [
    path('', include('articles.urls'))
]
```

3. Create in articles - urls.py, forms.py, templates/articles

4. models.py

```
class Articles(models.Model):
    title = models.CharField(max_length=100)
    body = models.TextField()
    num = models.IntegerField()
    date = models.DateTimeField(auto_now_add=True)

    def __str__(self):
        return self.title
```

5. urls.py

```
from . import views
```

```
app_name = 'articles'
```

```
urlpatterns = [
    path('', views.home, name='home'),
    path('create/', views.create, name='create'),
    path('delete/<str:title>/', views.delete, name='delete'),
]
```

```

6. admin.py
from .models import Articles

class ArticlesAdmin(admin.ModelAdmin):
    list_display = ('title', 'body', 'num')

admin.site.register(Articles, ArticlesAdmin)
# Register your models here.

7. forms.py
from django import forms
from .models import Articles

class ArticleForm(forms.ModelForm):
    class Meta:
        model = Articles
        fields = ['title', 'body', 'num',]

8. views.py
from django.shortcuts import render, redirect
from .models import Articles
from . import forms

def home(request):
    article = Articles.objects.all()
    return render(request, 'articles/home.html', {'articles': article})

def create(request):
    form = forms.ArticleForm()
    if request.method == 'POST':
        form = forms.ArticleForm(request.POST)
        if form.is_valid():
            form.save()
            return redirect('articles:home')
        else:
            form = forms.ArticleForm()
    return render(request, 'articles/create.html', {'form': form})

```

```
def delete(request, title):
    article = Articles.objects.get(title=title)
    article.delete()
    return redirect('articles:home')
```

9. Create `and` home html

```
<h1>Create Article</h1>
<form id="create-form" action="{%url 'prep:create'%}" method="POST" >
    {% csrf_token %}
    {{ form }}

    <button type="submit">Create</button>
</form>
<script>
    document.getElementById("create-form").onsubmit = function (event) {
        if (parseInt(document.getElementById("id_num").value) > 100) {
            event.preventDefault();
            alert("Number cannot be more than 100");
        }
    };
</script>
```

```
<h1>HELLOOO</h1>
<a href="{% url 'prep:create' %}">Create</a>
<div>
    {% for p in prep %}
    <h3>{{ p.name }}</h3>
    <p>{{ p.description }}</p>
    <p>{{ p.created_at }}</p>
    <form action="{% url 'prep:delete' name=p.name %}" method="post">
        {% csrf_token %}
        <button type="submit" class="delete-btn">Delete</button>
    </form>
    {% endfor %}
</div>
```