

## Django Todo App:

- <https://github.com/divanov11/to-do-app>
- Activate virtualenv:  
"C:/Users/Student/Desktop/DjangoApp/djangoapp/Scripts/activate.bat"
- Cmd command: pip install django
- Create Project:
  - django-admin startproject todo
  - Open todo folder in vscode > settings.py
  - In cmd: cd todo > python manage.py runserver
- Migrate database & create user:
  - For database(sqlite): In cmd : python manage.py migrate
  - Cmd: python manage.py createsuperuser
  - Again: python manage.py runserver
- Create app:
  - python manage.py startapp tasks
  - Add tasks to settings.py in installedapp
- URL Routing:
  - In app, views.py > return HttpResponse by making index function
  - Make urls.py file (tasks) > urlpatterns list
- Templates:
  - Tasks > template > tasks > list.html
- Create model > task >> Models.py > class task
  - In cmd > python manage.py makemigrations > then python manage.py migrate
  - python manage.py runserver
  - Admin.py > register task model
- Render data (Tasks) in template
- Model form > forms.py
- Create item
- Update item
- Delete item
- Cross out complete items
- Style template

## Deploying Django to Heroku:

- <https://www.codementor.io/@jamesezechukwu/how-to-deploy-django-app-on-heroku-dts-ee04d4>
- <https://medium.com/agatha-codes/9-straightforward-steps-for-deploying-your-django-app-with-heroku-82b952652fb4>
- Activate todo app by: django-admin startproject todo
- activate virtualenv and have app.py
- Install dependencies:
  - Pip install django

- Pip install Whitenoise
- Pip install Psycpg2
- Pip install Gitignore
- Pip install Dj-database-url
- Pip install Dj-static
- Pip install Static3
- Pip install Gunicorn
- pip freeze > requirements.txt
- Make Procfile. And write command: web: gunicorn todo.wsgi --log-file -
- Make runtime.txt > python-3.7.2
- .gitignore file > env/  
                   \_\_pycache\_\_/  
                   \*.sqlite3
- Add white noise in settings.py and add static\_root
- Heroku login
- Cmd: heroku create djangotodobyk
- git init
- copy remote command from heroku.com: `heroku git:remote -a djangotodobyk`
- git remote -v
- git status
- git add .
- git commit -m "First"
- git status
- `git push heroku master`