

Creating Virtual Environment:

Creating virtual Environment: `py -m venv nameOfVirtualEnvironment`

activate virtual Environment: nameofVirtualEnvironment\scripts\activate

Activation Error(if any):

```
run powershell as administrator --> Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy Unrestricted
```

--> Y(Yes)

Django

install django: `python -m pip install Django`

create django project: `django-admin startproject projectName`

create django app: python manage.py startapp appName

```
create a model: class modelName(models.Model):
    fields....
```

create migrations: `py manage.py makemigrations`

migrate the migrations: py manage.py migrate

run django app: python manage.py runserver

Add a apps into django project:

1. In project setting.py in `INSTALLED_APPS = ['your apps name']`
2. either use project url else app level url

for project level urls: `path('applink/',imported view)`

For App level Urls: include('route/', 'appName.urls')

Working with Templates: initial by assigning 'templates' in setting.py file and DIRS:['templates'] from django.shortcuts import render

In view:

```
return render(request, 'template name')
```

ReactJS

create react app: `npx create-react-app appName`

run React: npm start

GitHub:

1. accept the invitation
2. clone the repository
3. **take update from github to existing repository on local machine** : git pull origin master
4. **Create new branch**: git branch -c branch_name
5. **Switch to new branch** : git checkout branch_name
6. add file, commit, push(git push origin HEAD)
7. View your own github account and see updates and make a pull request.
8. The project team leader will merge the changes

NimuSoft:

postgres password: postgrespassword

master password: pgadminpass1

Github Organization account name: SabbirHossainDTN

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