docker-compose build --no-cache

```
Step 7/11 : FROM nginx:alpine
alpine: Pulling from library/nginx
9824c27679d3: Pull complete
6bc572a3408ec: Pull complete
403e3f251637: Pull complete
9adfbae99cb7: Pull complete
7a8a46741e18: Pull complete
c9ebe2ff2d2c: Pull complete
a992fbc61ecc: Pull complete
cb1ff4086f82: Pull complete
Digest: sha256:42a516af16b852e33b7682d5ef8acbd5d13fe08fecadc7ed98605ba5e3b26ab8
Status: Downloaded newer image for nginx:alpine
 ---> 4a86014ec699
Step 8/11 : COPY --from=build /app/build /usr/share/nginx/html
 ---> 04e1b95dca65
Step 9/11 : COPY nginx.conf /etc/nginx/conf.d/default.conf
 ---> bf7f89dfe287
Step 10/11 : EXPOSE 80
 ---> Running in ac5436be57a2
 ---> Removed intermediate container ac5436be57a2
 ---> d03df0add25e
Step 11/11 : CMD ["nginx", "-g", "daemon off;"]
 ---> Running in 25d3ce5fd7fb
 ---> Removed intermediate container 25d3ce5fd7fb
 ---> f1ea60120823
Successfully built f1ea60120823
Successfully tagged equipo_react-app:latest
Building nginx-proxy
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  3.072kB
Step 1/2 : FROM nginx:alpine
 ---> 4a86014ec699
Step 2/2 : COPY default.conf /etc/nginx/conf.d/default.conf
 ---> 1114622b3e65
Successfully built 1114622b3e65
Successfully tagged equipo_nginx-proxy:latest
mithunraj@Mitsuba:~/equipo$ docker images
REPOSITORY          TAG        IMAGE ID        CREATED             SIZE
equipo_nginx-proxy  latest     1114622b3e65    8 seconds ago       52.5MB
equipo_react-app    latest     f1ea60120823    8 seconds ago       53MB
<none>              <none>     cfded86fa860    23 seconds ago      722MB
equipo_python-api   latest     ace880995660    About a minute ago  452MB
nginx               alpine     4a86014ec699    6 weeks ago         52.5MB
python              3.11-slim  c4640ec0986f    7 weeks ago         125MB
node                18-alpine  ee77c6cd7c18    6 months ago        127MB
mithunraj@Mitsuba:~/equipo$
```
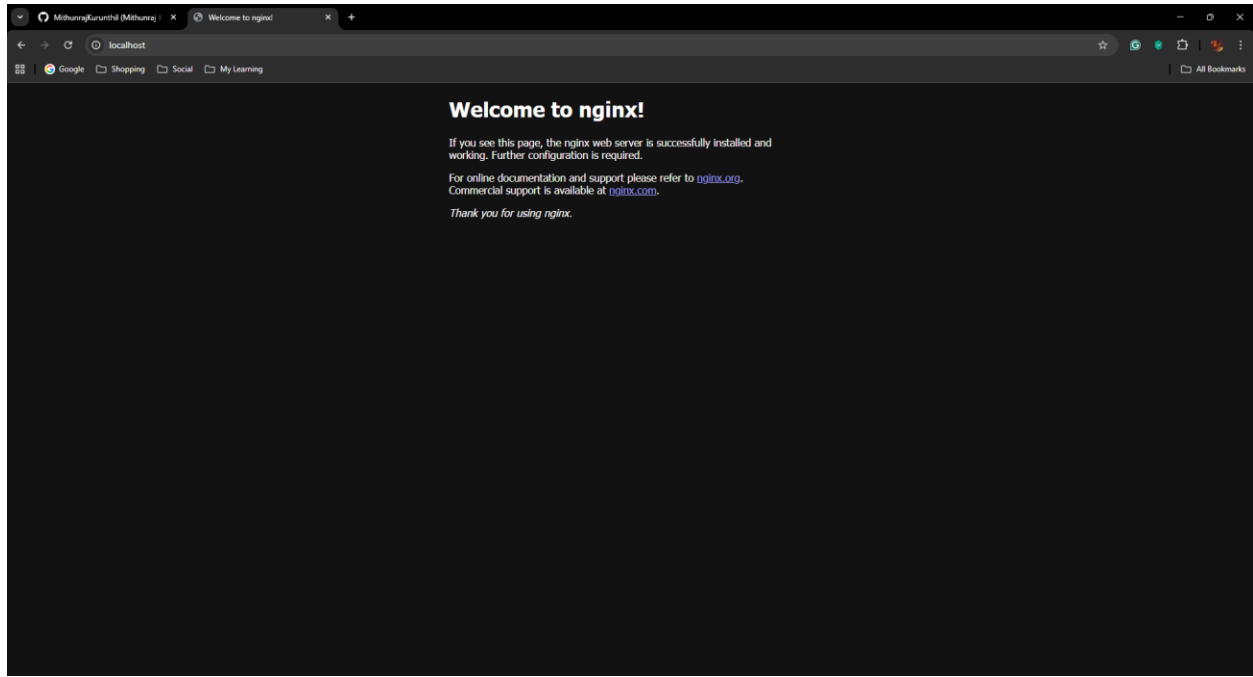
docker-compose up -d

```
            https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  3.072kB
Step 1/2 : FROM nginx:alpine
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node                18-alpine  ee77c6cd7c18    6 months ago        127MB
mithunraj@Mitsuba:~/equipo$ docker ps
CONTAINER ID   IMAGE      COMMAND    CREATED    STATUS    PORTS    NAMES
mithunraj@Mitsuba:~/equipo$ docker-compose up -d
Creating network "equipo_app-network" with driver "bridge"
Creating volume "equipo_mysql-data" with default driver
Pulling mysql-db (mysql:8.0)...
8.0: Pulling from library/mysql
806f49275cbf: Pull complete
12e135f0f080: Pull complete
bb0089c87520: Pull complete
59bdefbbef78: Pull complete
6145eb690748: Pull complete
46c5bb883eca: Pull complete
1b25d67bc0be: Pull complete
729dd3a03ada: Pull complete
1a66f49d571a: Pull complete
7faf9da2445b: Pull complete
98c1a0a82ce7: Pull complete
Digest: sha256:4a8843ef1c30d30937dea3cba5b72665bae17051af7a72b1651f3b7681f76aee
Status: Downloaded newer image for mysql:8.0
Creating mysql-db ... done
Creating react-app ... done
Creating python-api ... done
Creating nginx-proxy ... done
mithunraj@Mitsuba:~/equipo$ docker ps
CONTAINER ID   IMAGE                COMMAND                CREATED         STATUS          PORTS                                       NAMES
96a720a9fabb   equipo_nginx-proxy   "/docker-entrypoint…"  12 seconds ago  Up 11 seconds   0.0.0.0:80->80/tcp, :::80->80/tcp           nginx-proxy
b3aa51a838f1   equipo_python-api    "python app.py"        12 seconds ago  Up 12 seconds   5000/tcp                                    python-api
d0eb0be7ad6a   equipo_react-app     "/docker-entrypoint…"  13 seconds ago  Up 12 seconds   80/tcp                                      react-app
0f9e576819b9   mysql:8.0            "docker-entrypoint.s…" 13 seconds ago  Up 12 seconds   3306/tcp, 33060/tcp                         mysql-db
mithunraj@Mitsuba:~/equipo$
```
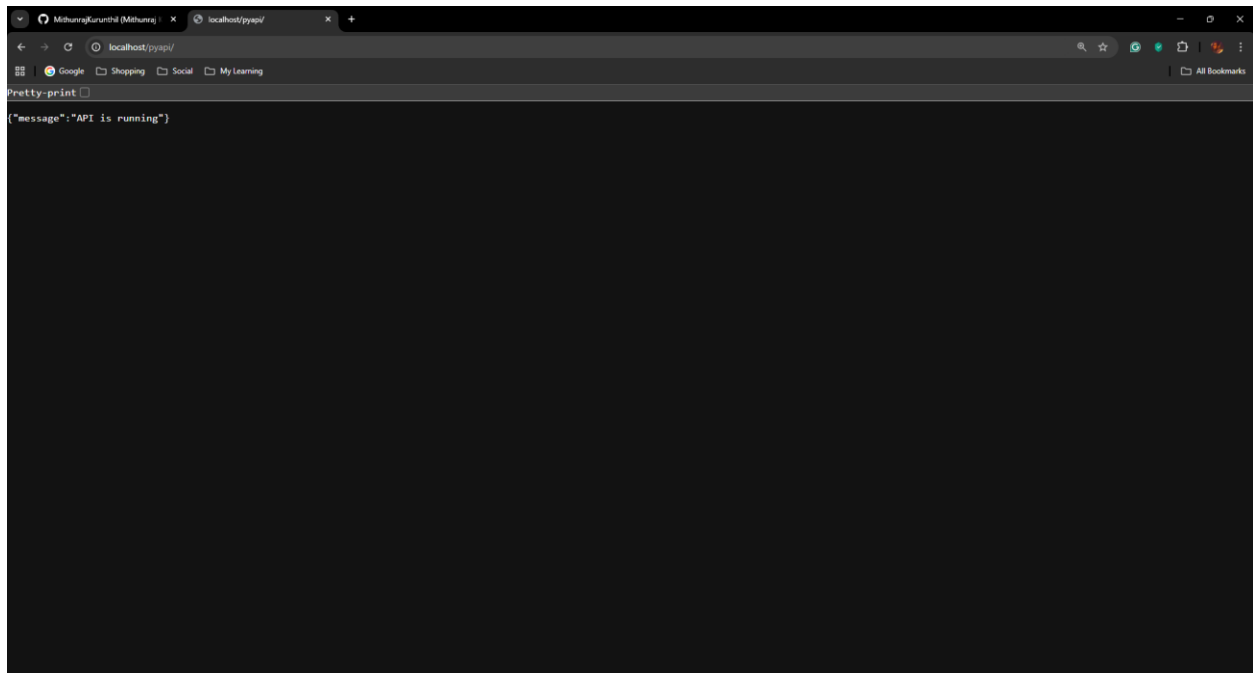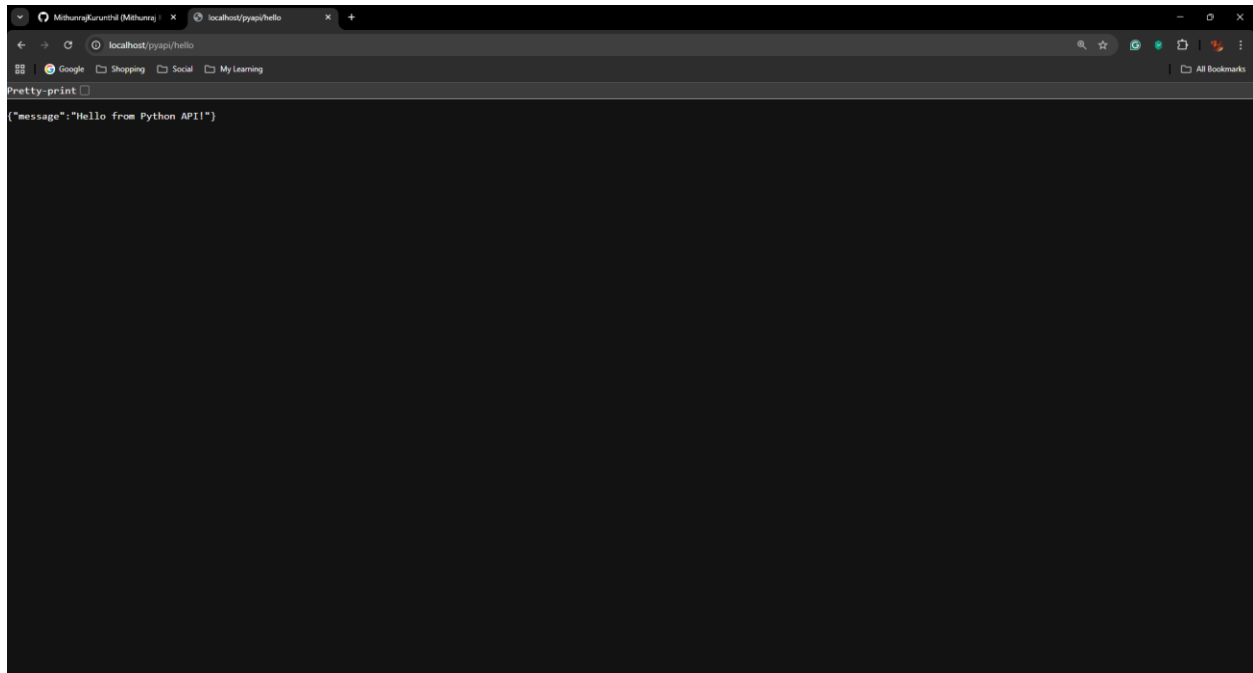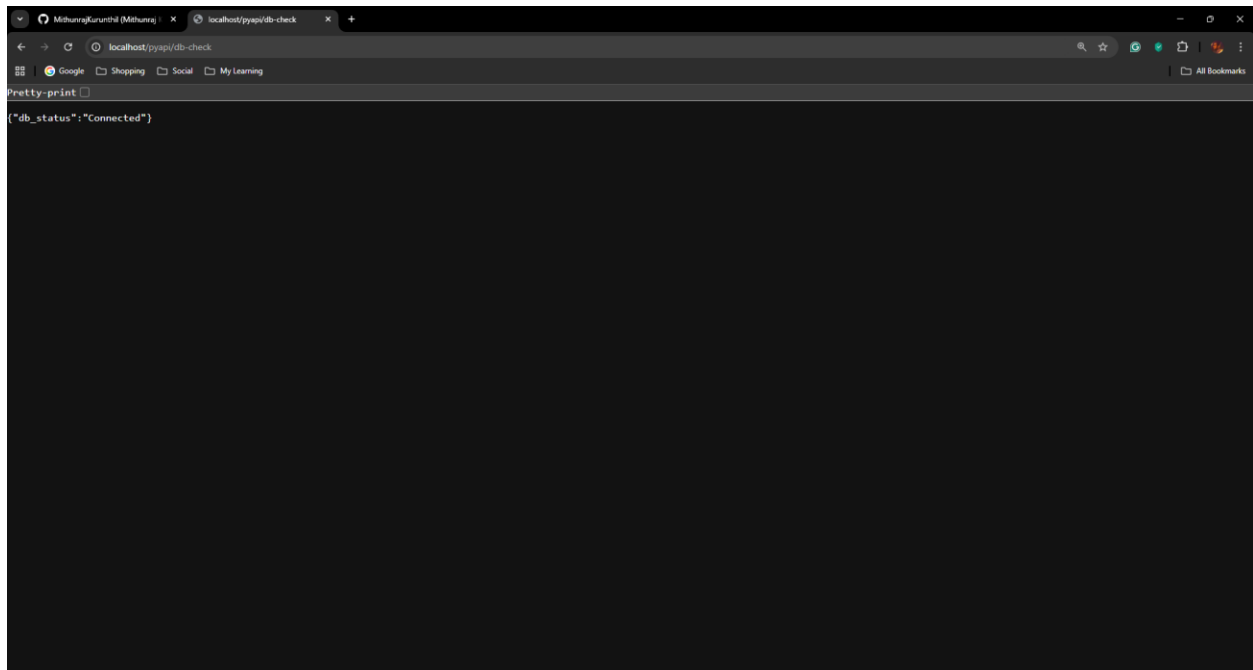
Results

http://localhost/

Python API

http://localhost/pyapi/

http://localhost/pyapi/hello

http://localhost/pyapi/db-check

ReactApp

http://localhost/reactapp/

Hello Equipo

This React app is served by Nginx inside a Docker container.

Variables

Python API	
Variable	**Settings.py value**
DB_HOST	localhost
DB_USER	root
DB_PASSWORD	password
DB_NAME	testdb

MySQL	
Variable	**docker-compose value**
MYSQL_ROOT_PASSWORD	rootpassword
MYSQL_DATABASE	mydb
MYSQL_USER	user
MYSQL_PASSWORD	password