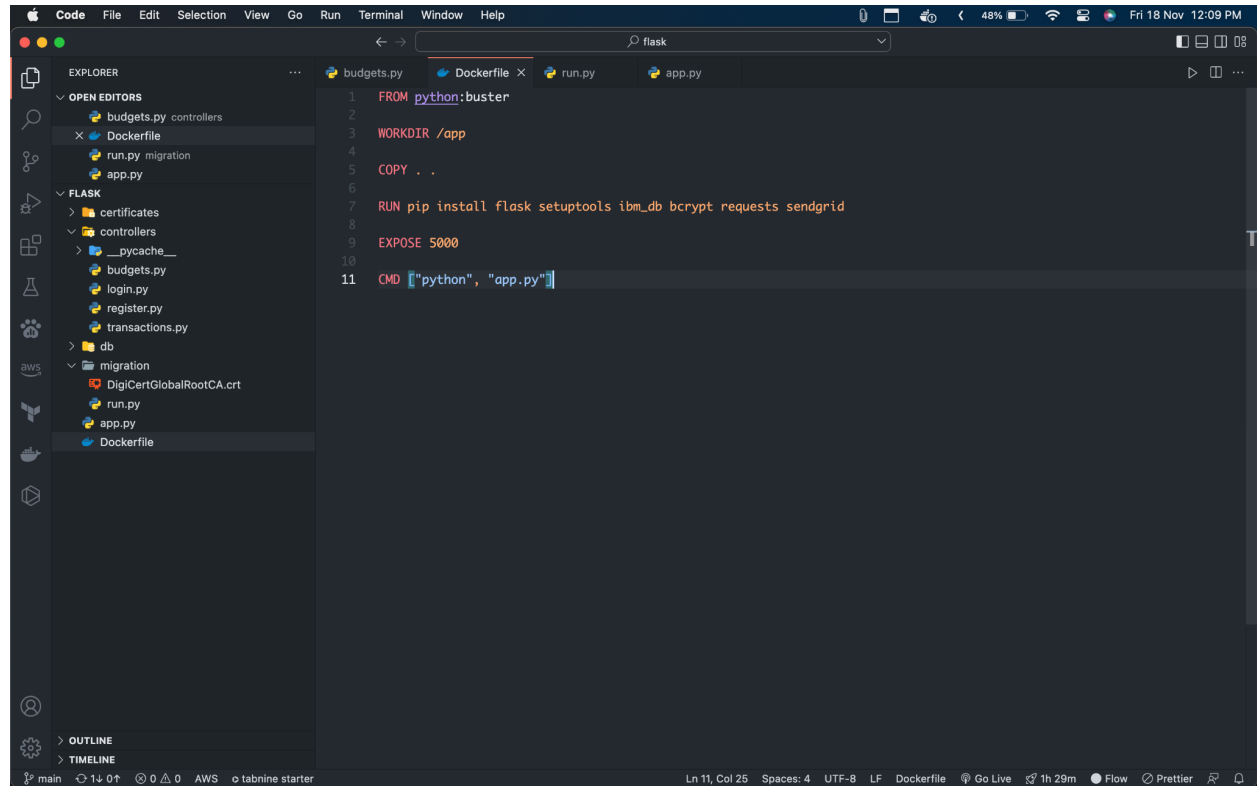


# Deployment of the app in IBM Cloud

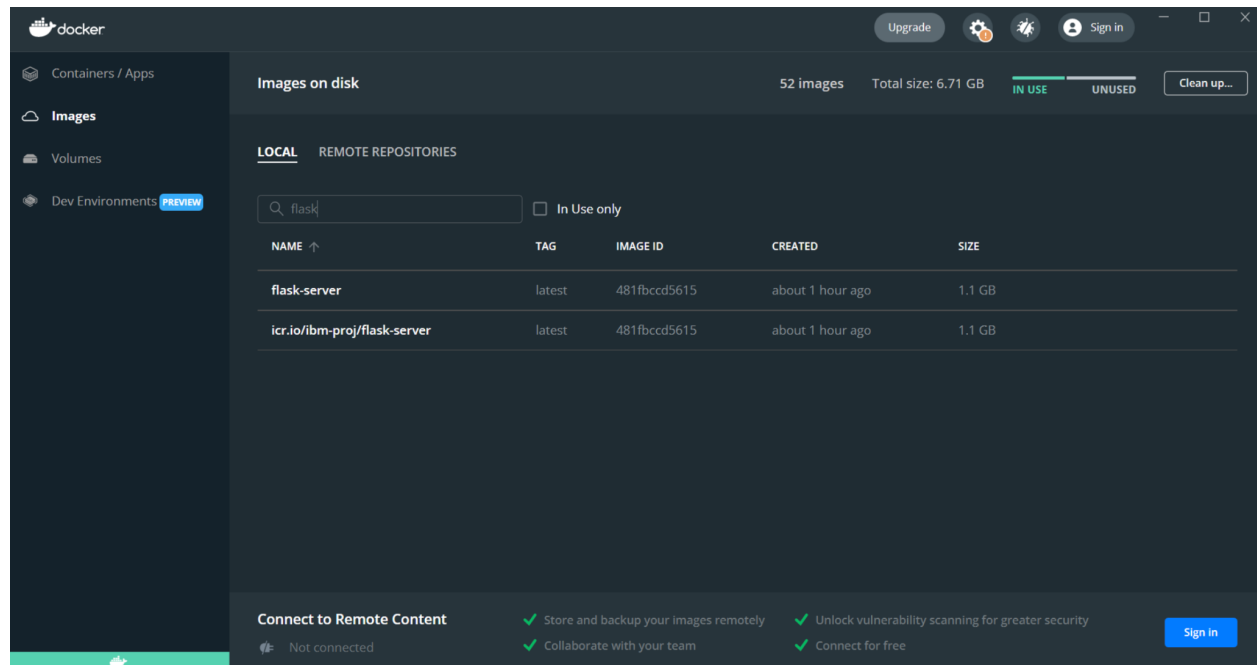
## Containerise the application



The screenshot shows the Visual Studio Code editor with a Dockerfile open. The Dockerfile contains the following instructions:

```
1 FROM python:buster
2 WORKDIR /app
3 COPY . .
4
5 RUN pip install flask setuptools ibm_db bcrypt requests sendgrid
6
7 EXPOSE 5000
8
9 CMD ["python", "app.py"]
```

The Explorer sidebar on the left shows the project structure, including files like `budgets.py`, `run.py`, `app.py`, and `Dockerfile`.



The screenshot shows the Docker Desktop interface. The left sidebar has a menu with options: Containers / Apps, Images, Volumes, and Dev Environments (PREVIEW). The main area is titled "Images on disk" and shows a summary of 52 images with a total size of 6.71 GB. Below this, there is a table of local images.

NAME	TAG	IMAGE ID	CREATED	SIZE
flask-server	latest	481fbccd5615	about 1 hour ago	1.1 GB
icr.io/ibm-proj/flask-server	latest	481fbccd5615	about 1 hour ago	1.1 GB

At the bottom, there is a section titled "Connect to Remote Content" with a status of "Not connected". It lists benefits of connecting to remote content, such as storing and backing up images remotely, unlocking vulnerability scanning, and collaborating with your team. A "Sign in" button is available.