

Python Hello World

Use the official Python alpine image Create a simple Python script that prints "Hello Docker!" Make the script run when the container starts

```
abdo@abdo-Lenovo-ideapad-520-15IKB:~/NTI/docker-k8s/task-3$ cat Dockerfile
# Use official Python Alpine image
FROM python:alpine

# Set working directory inside container
WORKDIR /app

# Copy the Python script into the container
COPY app.py .

# Run the script when the container starts
CMD ["python", "app.py"]
```

```
abdo@abdo-Lenovo-ideapad-520-15IKB:~/NTI/docker-k8s/task-3$ sudo nano Dockerfile
abdo@abdo-Lenovo-ideapad-520-15IKB:~/NTI/docker-k8s/task-3$ docker build -t hello-docker-python .
[+] Building 50.5s (9/9) FINISHED
    docker:default
=> [internal] load build definition from Dockerfile
    0.0s
=> => transferring dockerfile: 276B
    0.0s
=> [internal] load metadata for docker.io/library/python:alpine
    3.7s
```

```
abdo@abdo-Lenovo-ideapad-520-15IKB:~/NTI/docker-k8s/task-3$ docker run --name hello-container hello-docker-python
Hello Docker!
abdo@abdo-Lenovo-ideapad-520-15IKB:~/NTI/docker-k8s/task-3$
```