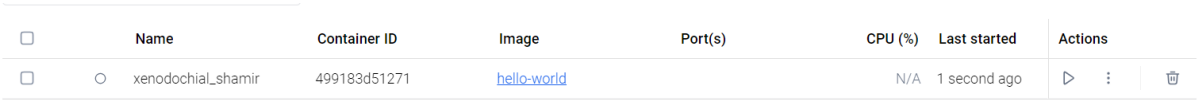
Lab5

Deliverable 1:

Verifying Docker installation



	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
☐	xenodochial_shamir	499183d51271	hello-world		N/A	1 second ago	▷ ⋮ 🗑

Deliverable 2:

Containerize training the machine learning model

Deliverable 3:

Step1: Implemented predict() function

Step2: Completed Dockerfile.infer

Deliverable4: Completed the docker-compose.yml file

Running the setup:

Running python script for curl:

Output:

```
PS C:\Users\rdaha1\Documents\Spring 2025\CS 594\Lab5\mlip-docker-lab-f24> python curl_run.py
{
  "prediction": [
    "virginica"
  ]
}
```

Sample Training and inference containers: