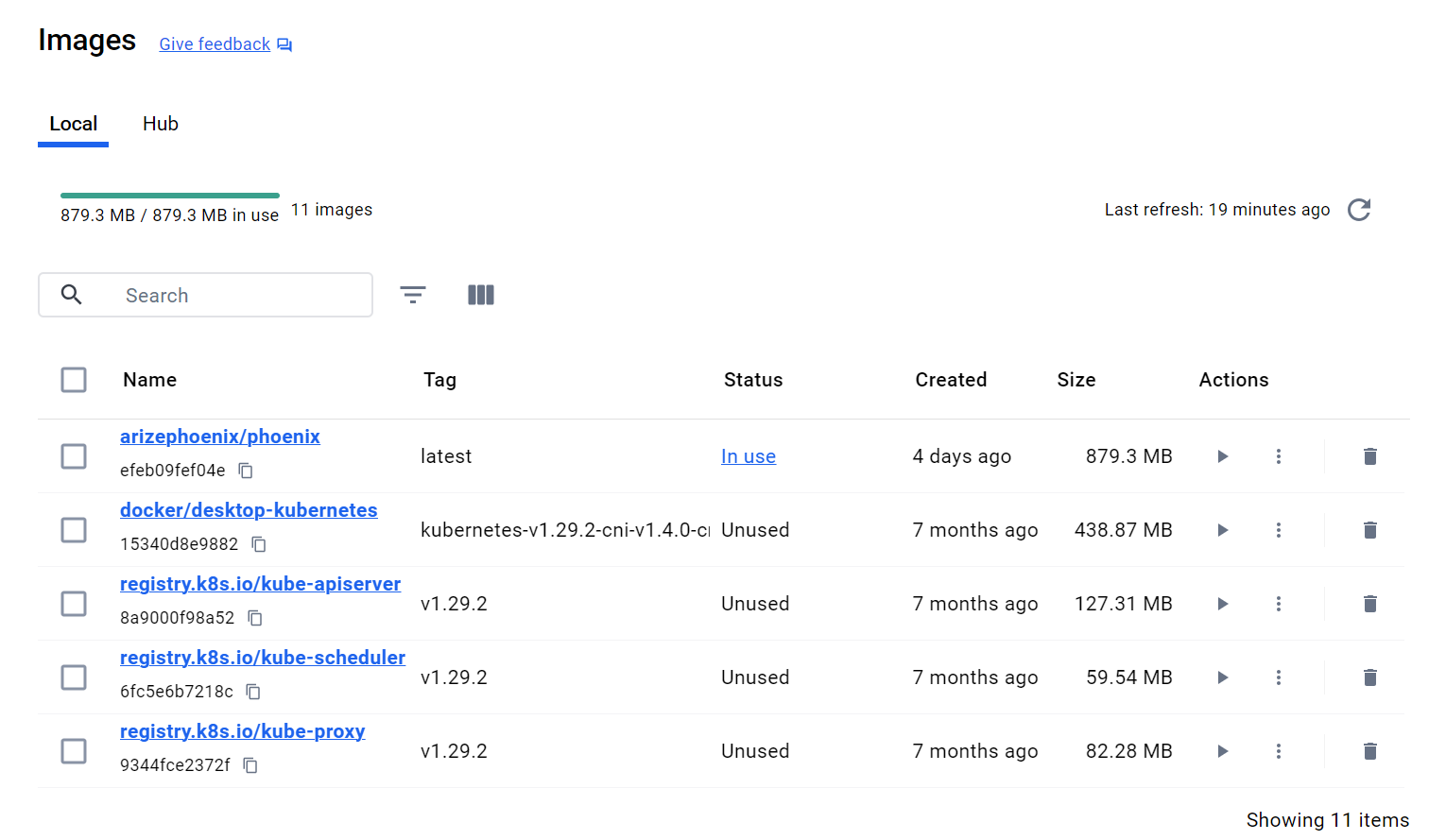
**Assignment 1:**

* Enabled kubernetes in Docker Desktop:



1. **Set Up Your Kubernetes Environment**:

A screen shot of a computer

Description automatically generated

A computer screen with white text

Description automatically generated

2. **Create a Pod Using the Imperative Method**:

A screen shot of a computer

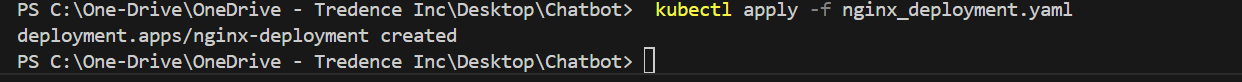
Description automatically generated

3. **Access the Pod:**

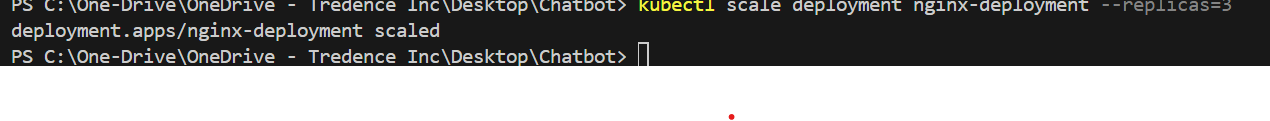
A screen shot of a computer

Description automatically generated

4. **Create a Deployment Using the Declarative Method:**



5. **Scaling the Deployment:**



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6. **Clean Up Resources:**

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A screen shot of a computer

Description automatically generated

**Assignment 2:**

1. **Create a Secret:**

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2. **Create a Persistent Volume and Persistent Volume Claim:**

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3. **Create a Deployment Using the PVC and Secret:**

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A screen shot of a computer

Description automatically generated

4. **Access the Pods to Verify Configuration:**

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5. **Clean Up Resources:**

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Description automatically generated

A screen shot of a computer

Description automatically generated