

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**Dehradun**

**CONTINOUS INTEGRATION**

**AND**

**CONTINOUS DELIVERY**

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**Course: B. TECH CSE DevOps (2018-22)**

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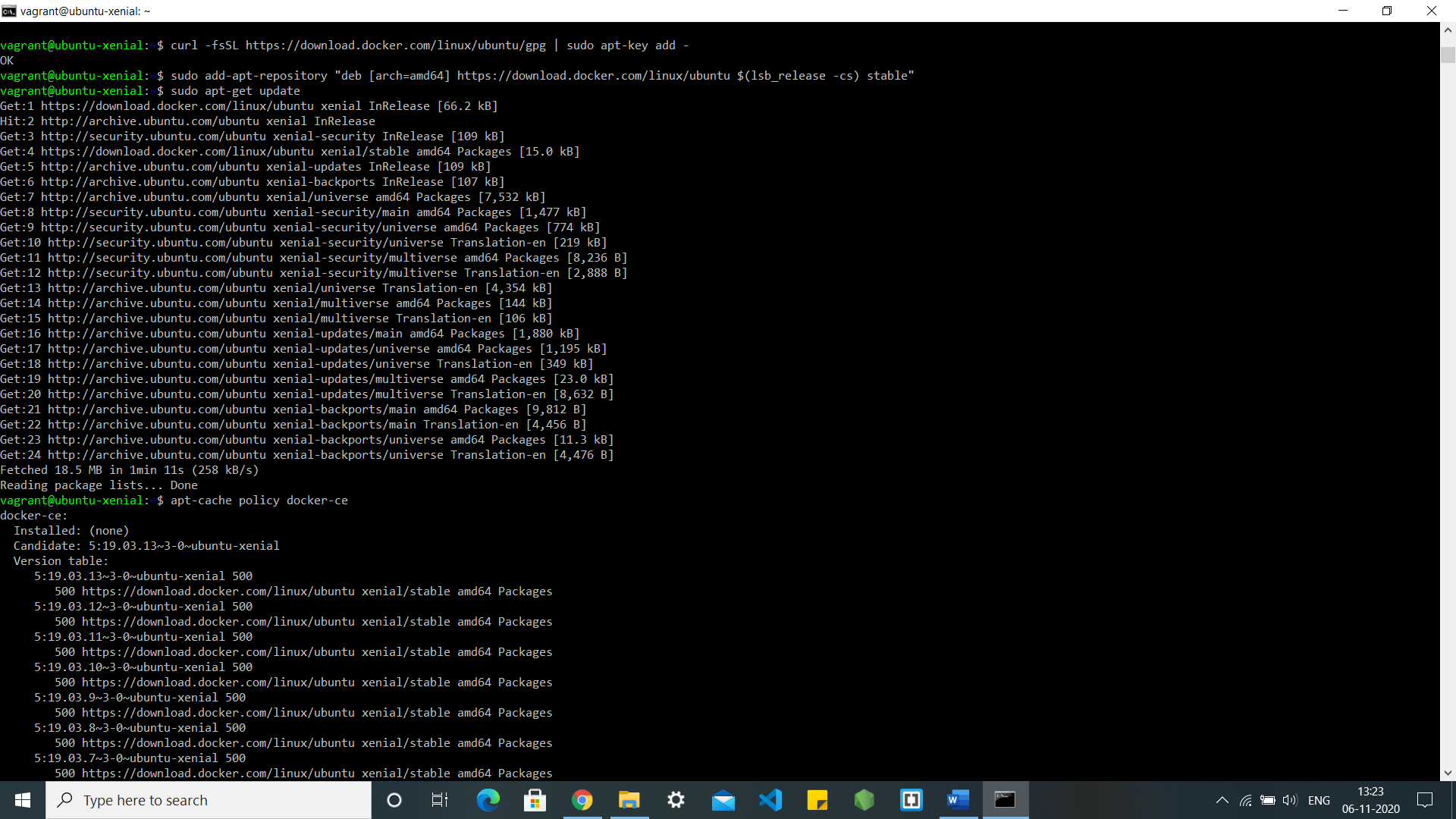
**Experiment-12**

**DOCKER**

# Install docker

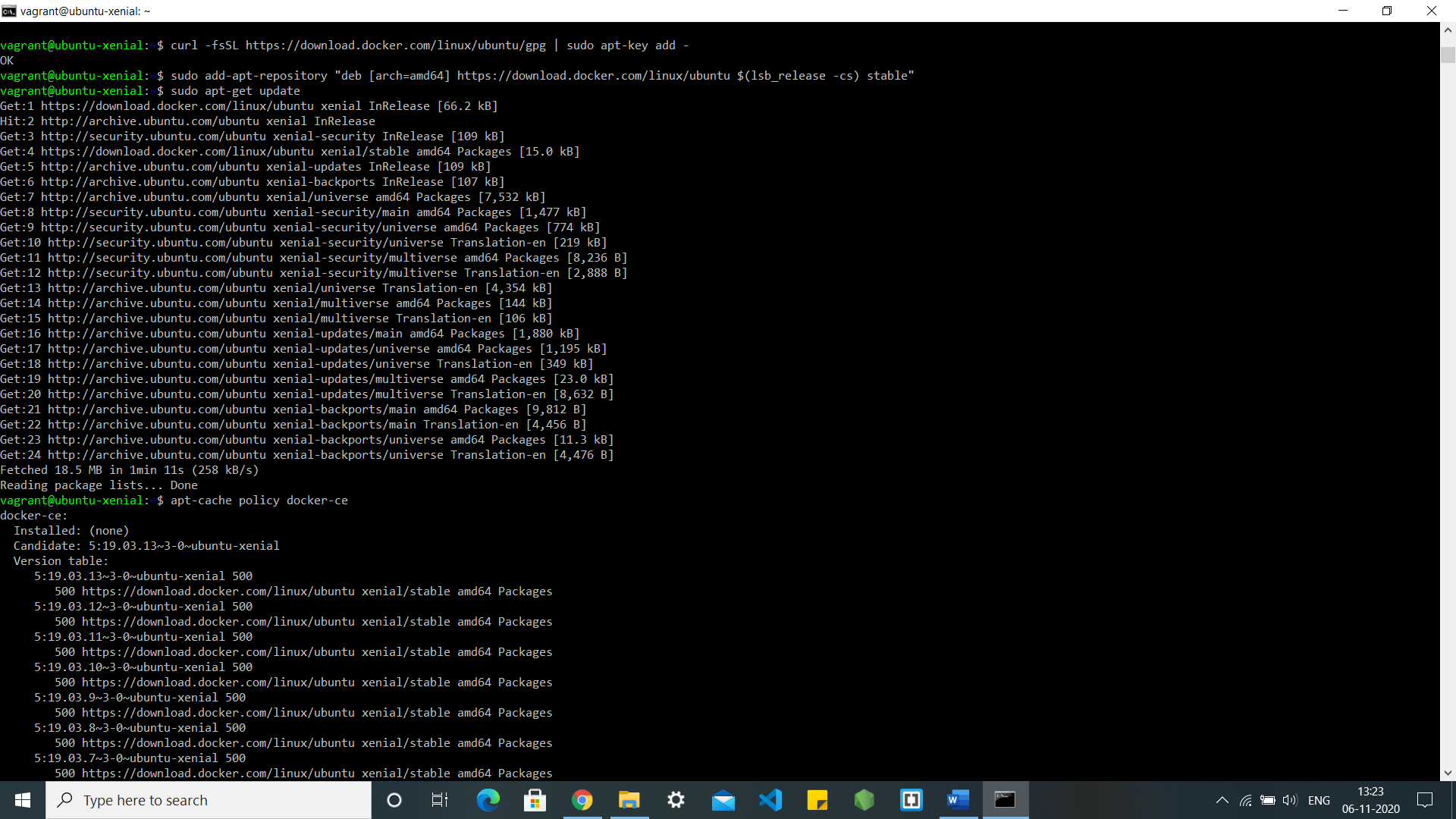
First, in order to ensure the downloads are valid, add the GPG key for the official Docker repository to your system:

$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add –



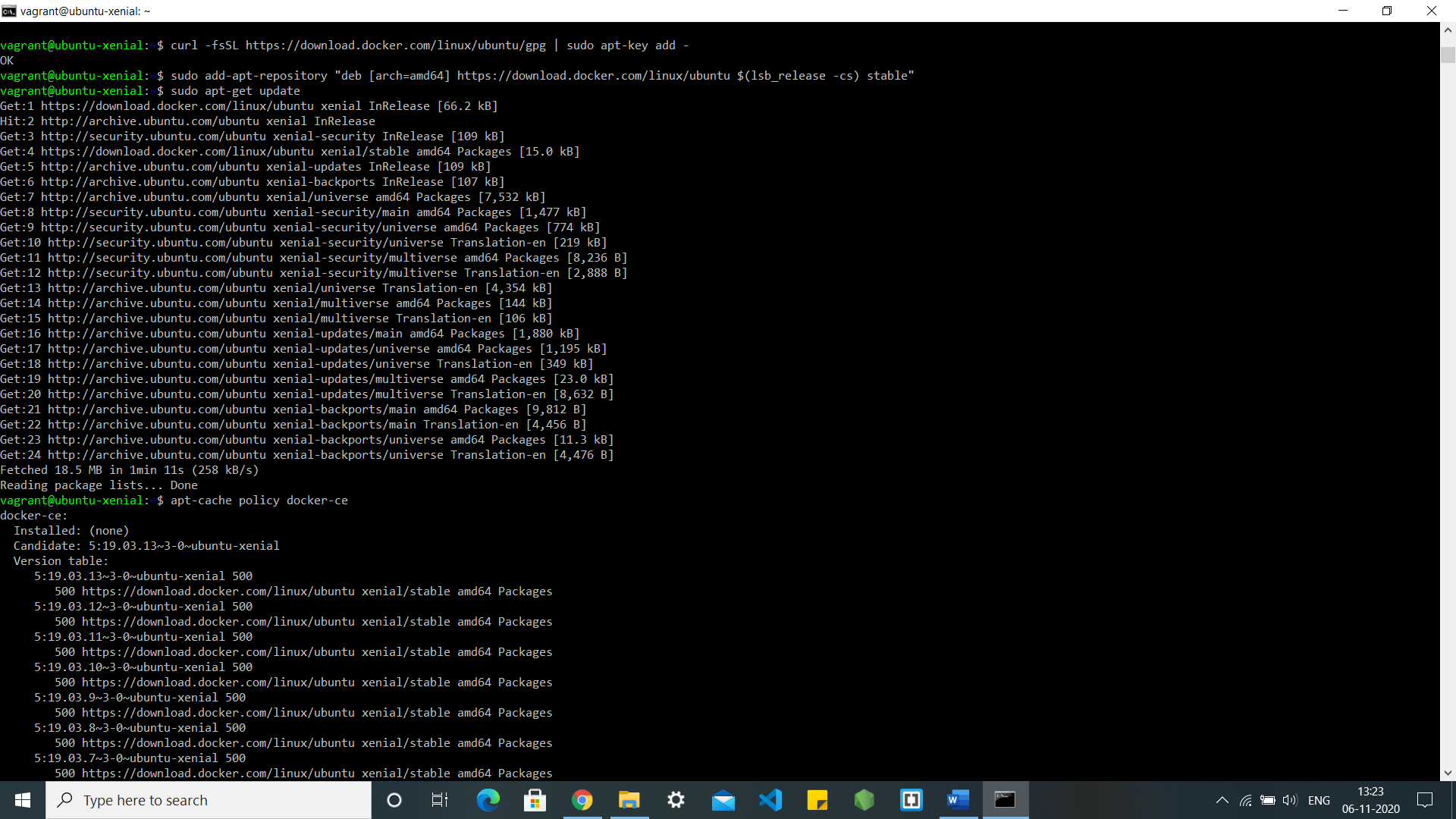
Add the Docker repository to APT sources:

$ sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu $(lsb\_release -cs) stable"



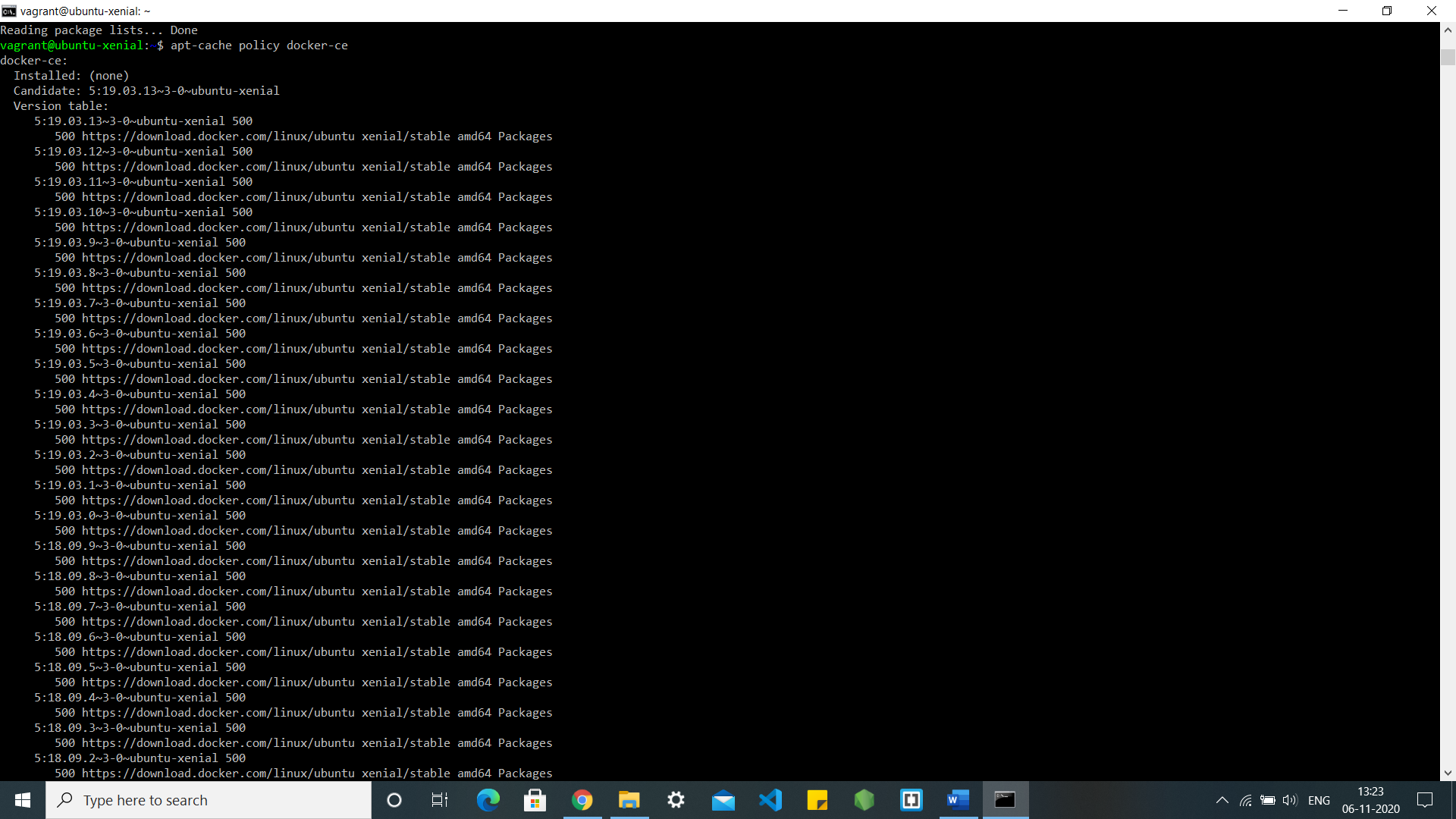
Next, update the package database with the Docker packages from the newly added repo:

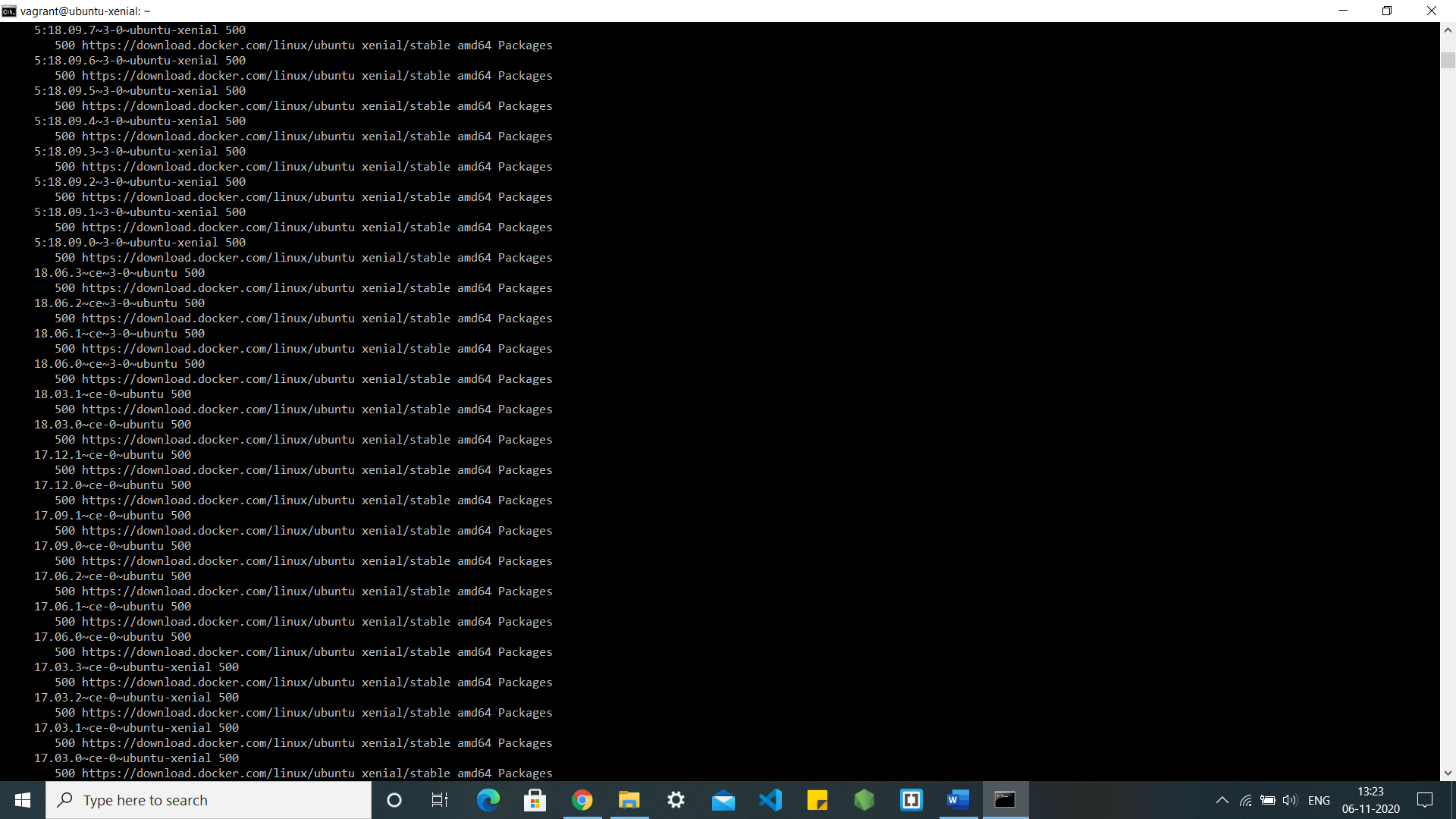
$ sudo apt-get update



Make sure you are about to install from the Docker repo instead of the default Ubuntu 16.04 repo:

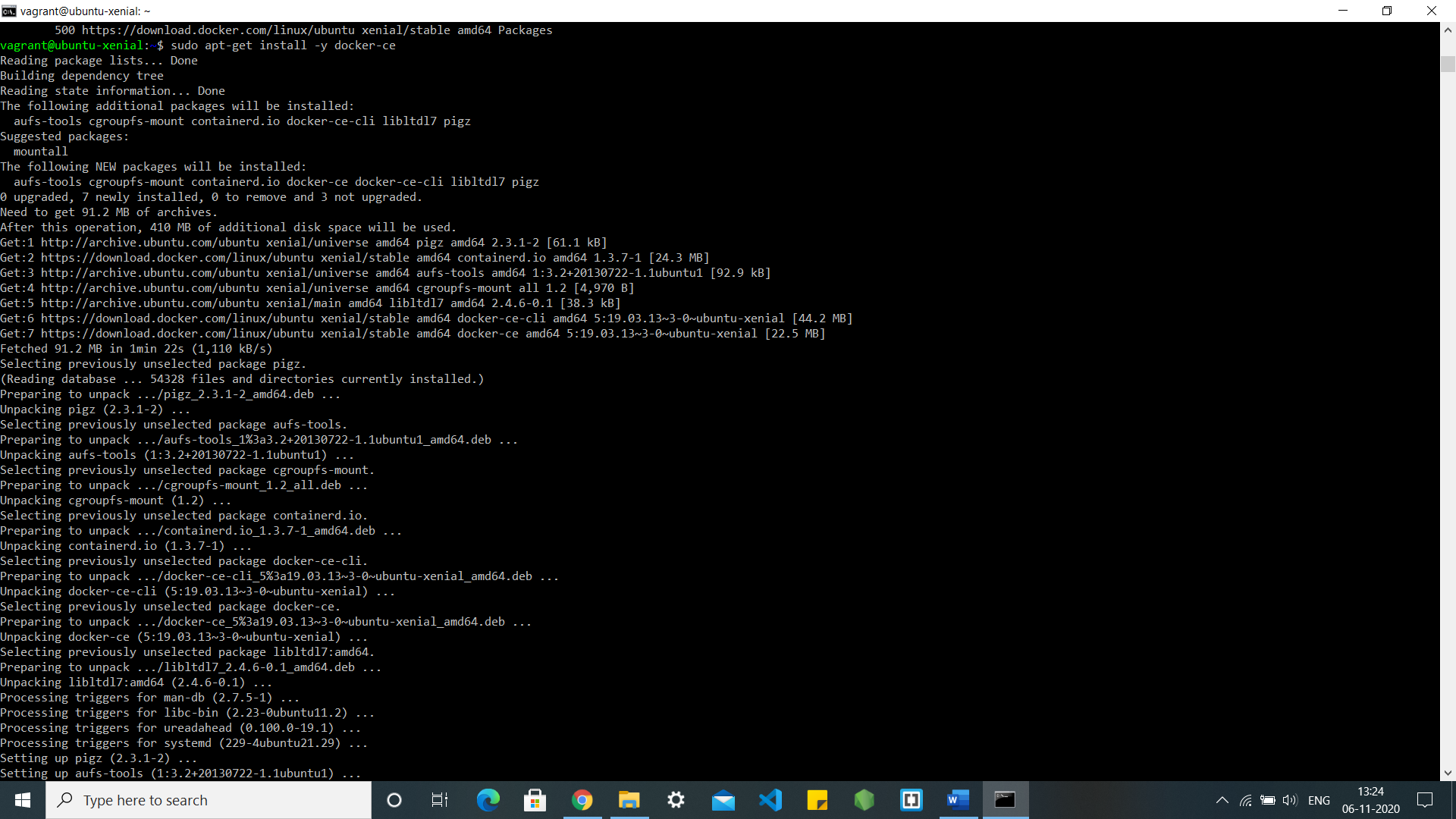
$ apt-cache policy docker-ce

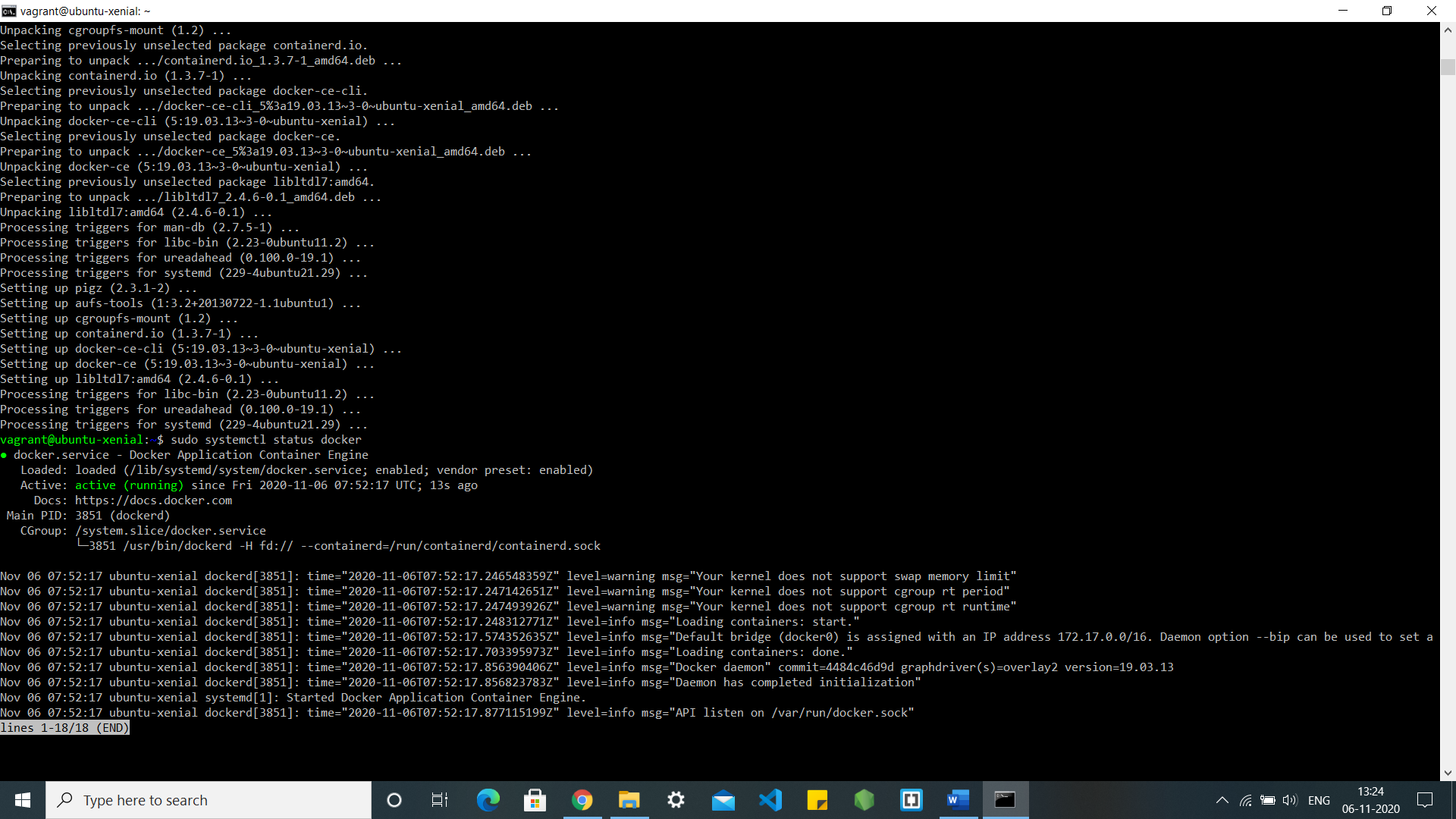




Finally, install Docker:

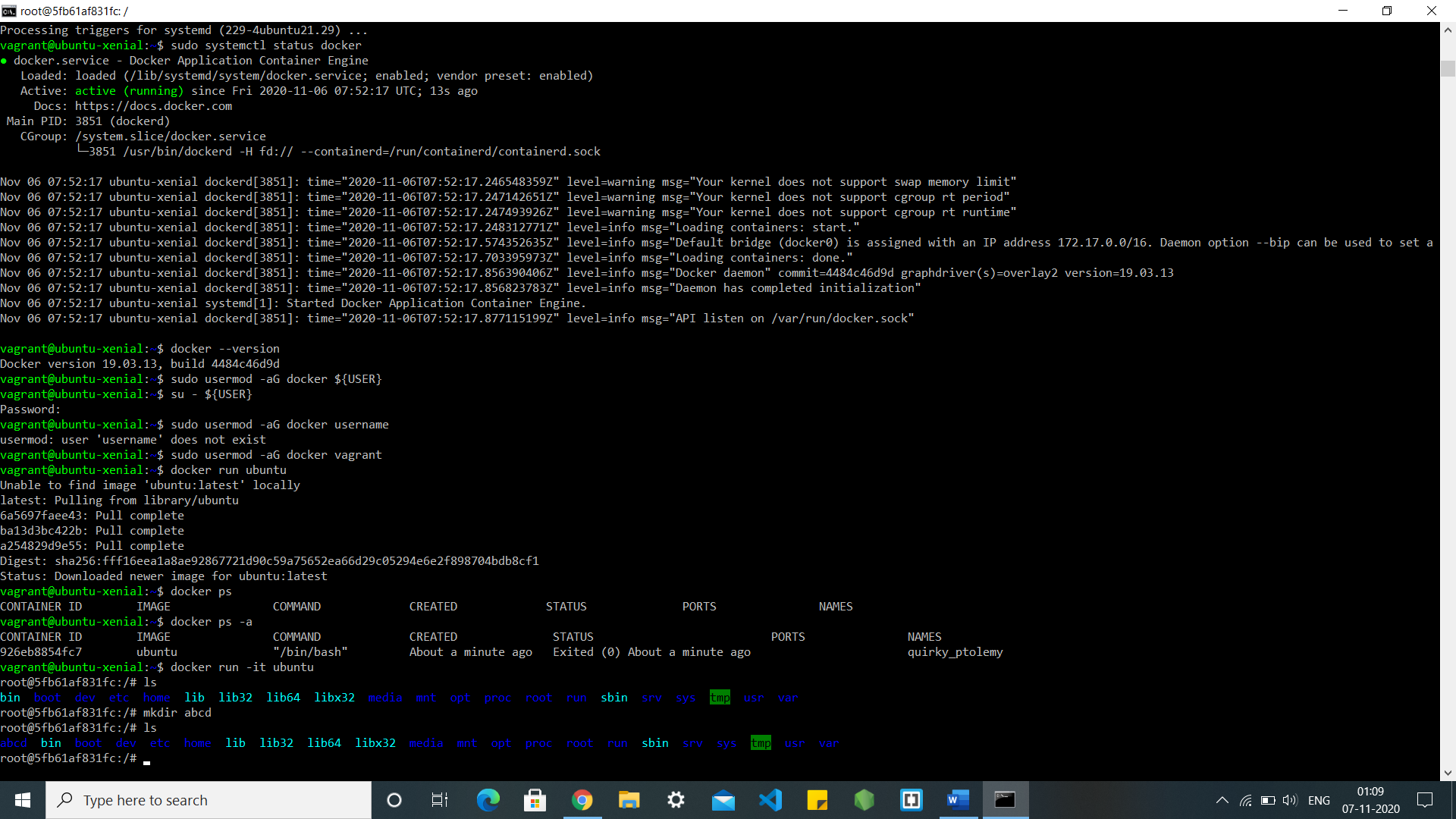
$ sudo apt-get install -y docker-ce



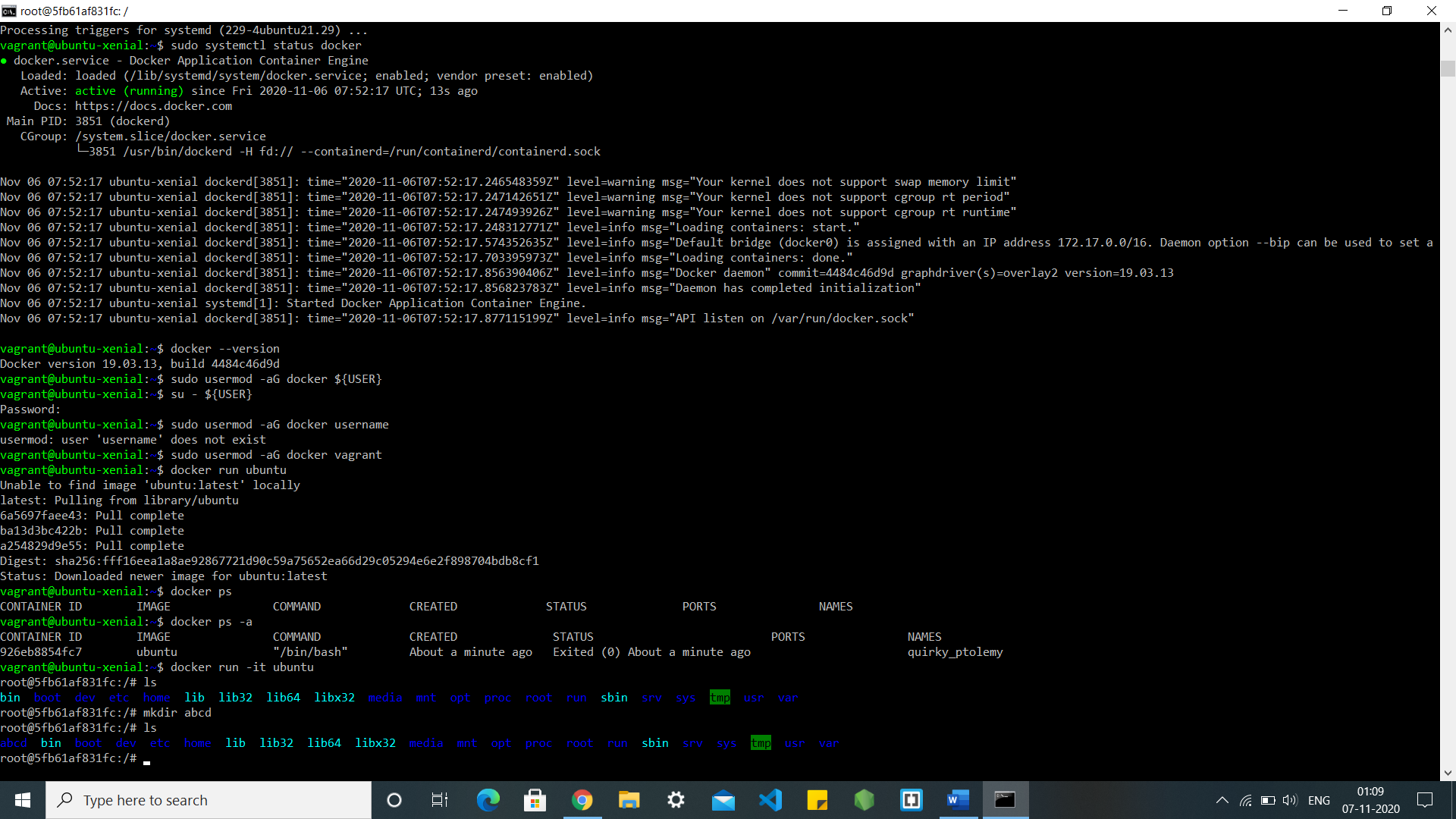


Check that it’s running:

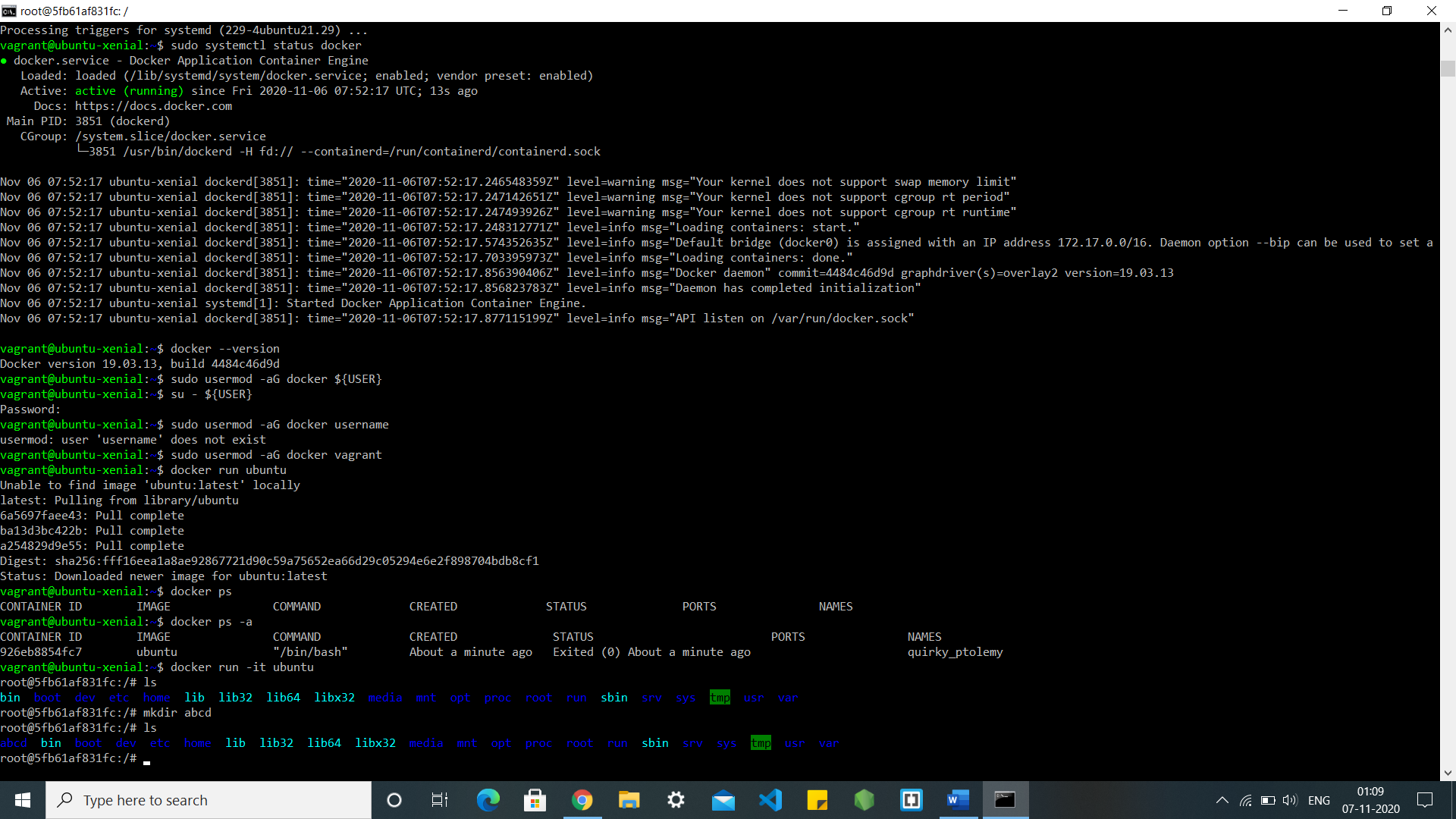
$ sudo systemctl status docker



# Check docker version after installation



# Goto root and run docker run -it ubuntu



# Create new directory inside container and list files

