

Experiment 1

Aim: Students will learn to understand the basics of cloud computing by setting up and configuring a virtual machine on a cloud platform such as AWS, Google Cloud or Microsoft Azure.

Running AWS using Localstack

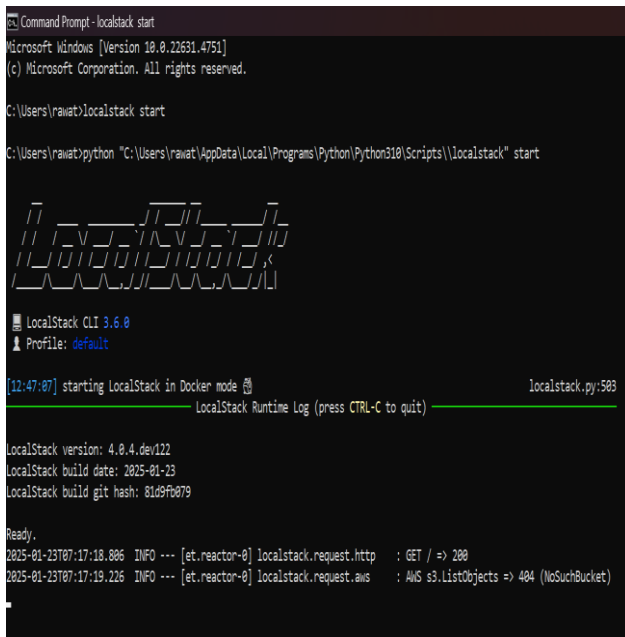


Fig 1: Starting Localstack in the Console

Running Docker

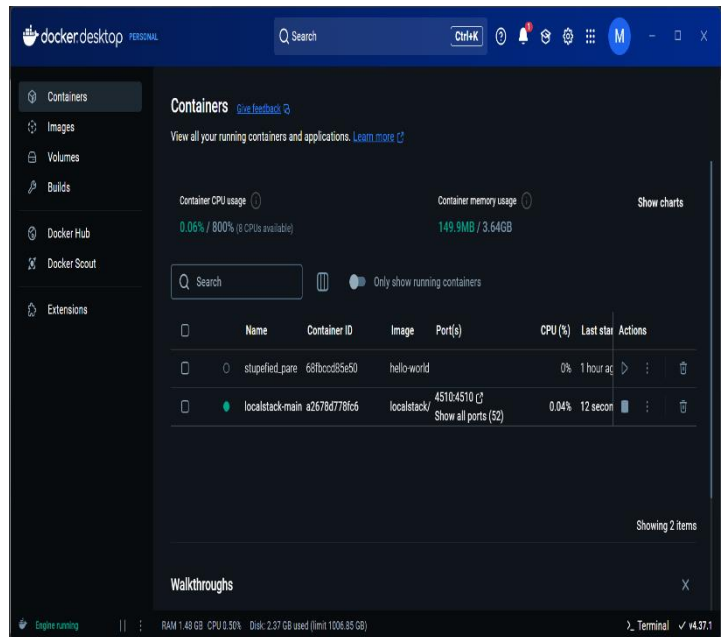


Fig 2: Docker for Desktop in windows

Creating a New Instance

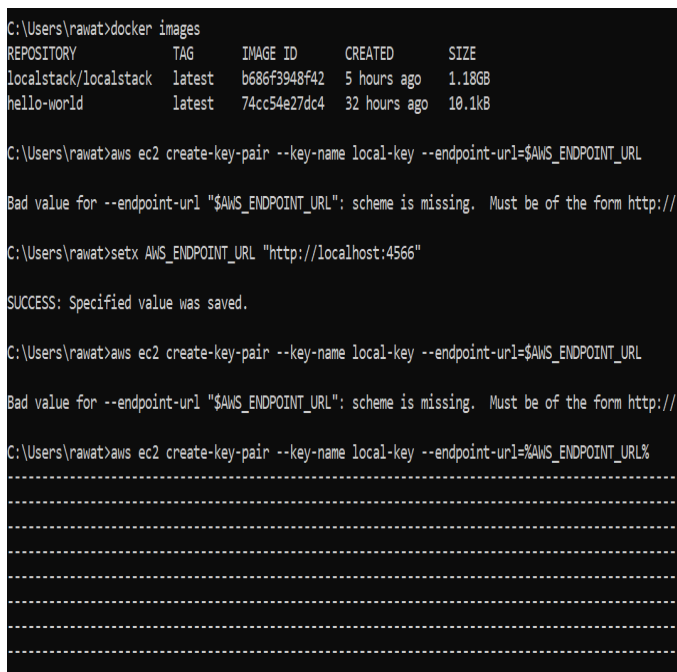


Fig 3: Docker Images and New Instances

Starting Virtual Machine



Fig 4: Virtual Machine & Working