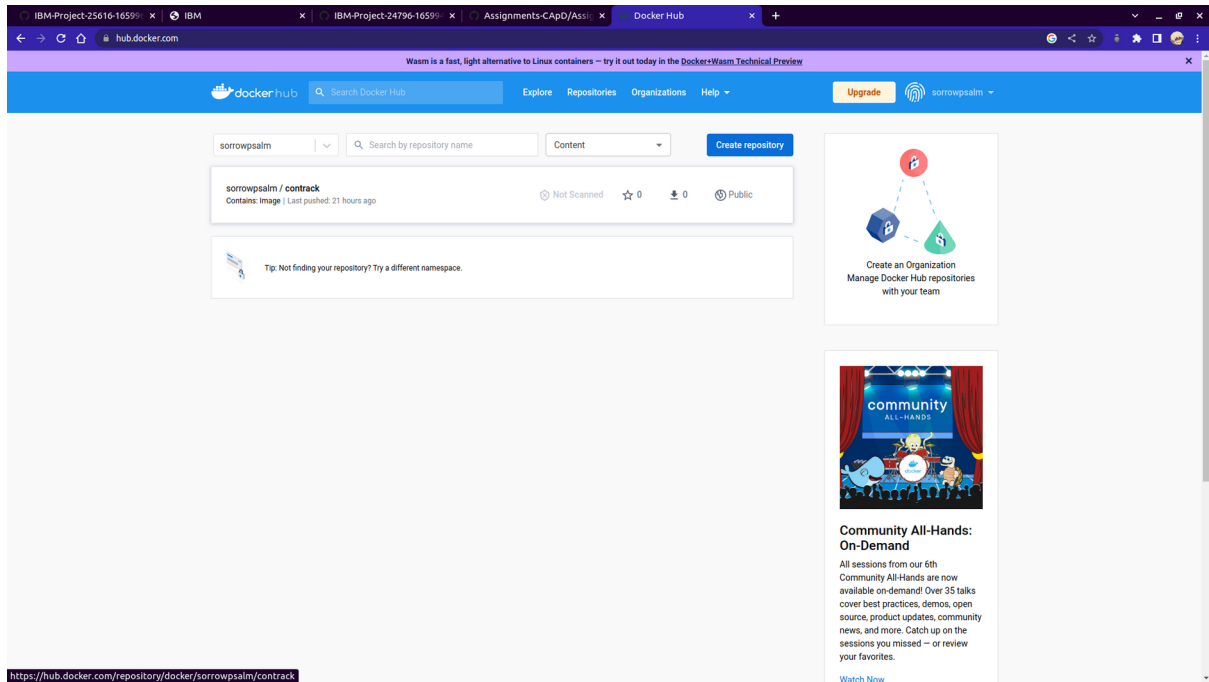


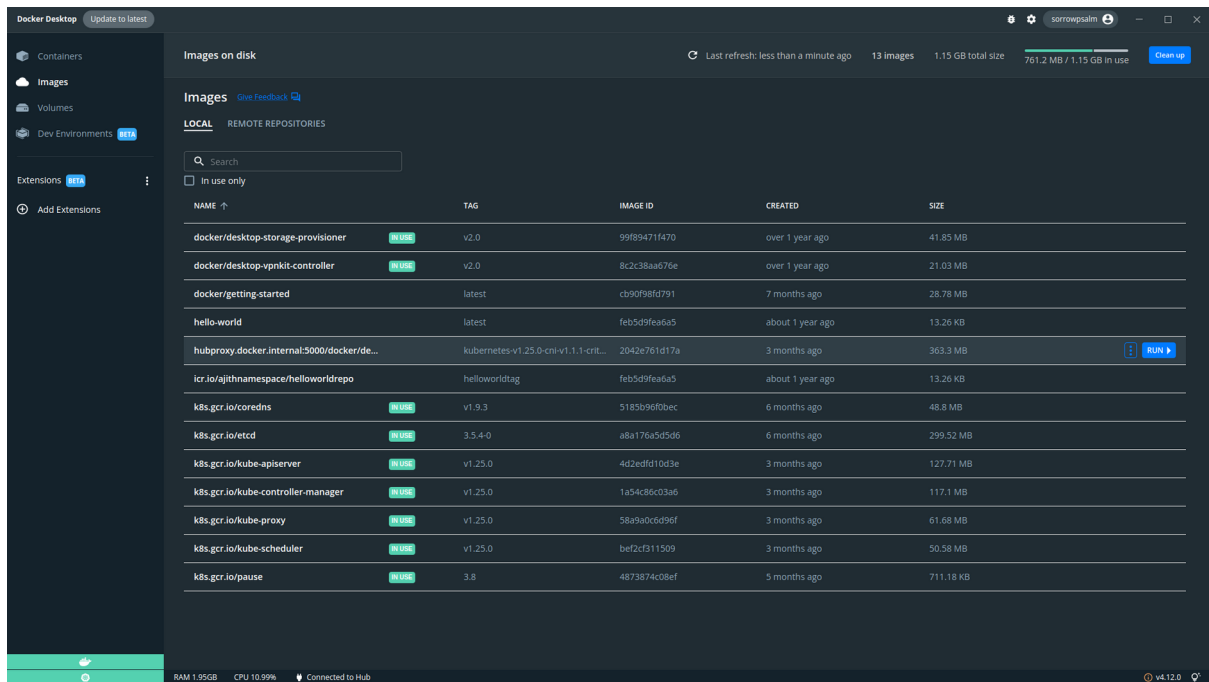
Assignment -3

Assignment Date	15 October 2022
Student Name	Mr. Ajith Tony A
Student Roll Number	917719C121
Maximum Marks	2 Marks

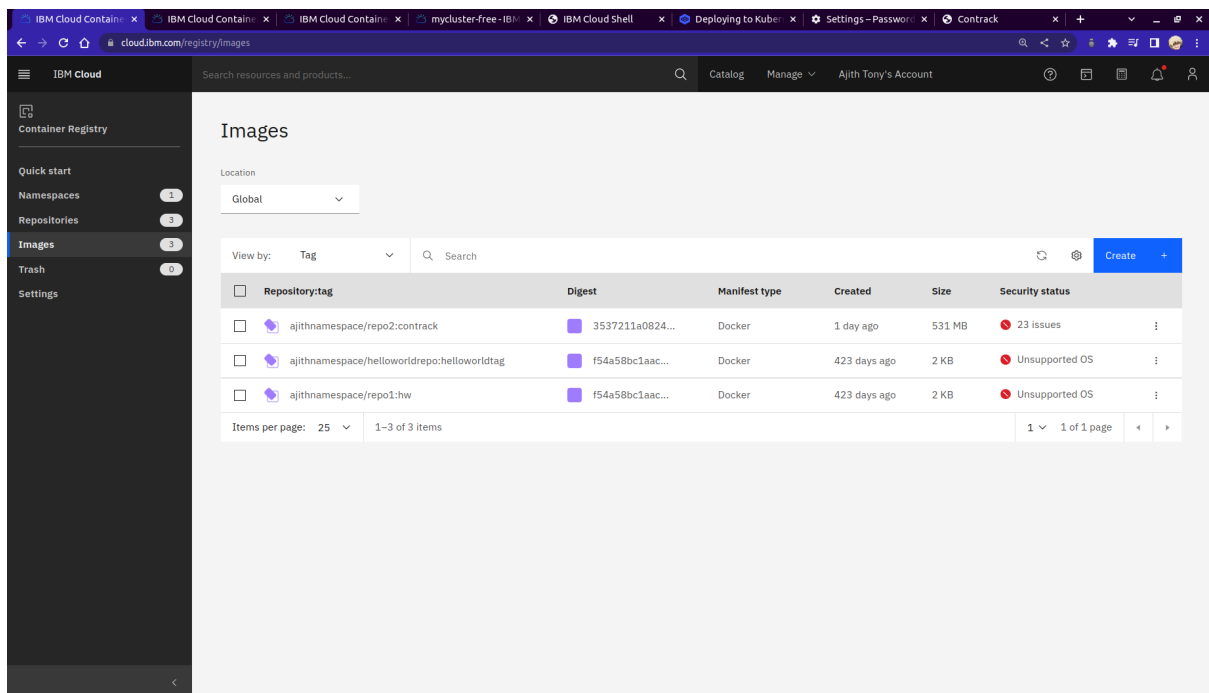
1. Pull an Image from docker hub and run it in docker playground.



2. Create a docker file for the jobportal application and deploy it in Docker desktop application.



3. Create a IBM container registry and deploy helloworld app or jobportalapp.



4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

The screenshot shows the IBM Cloud Kubernetes cluster overview page for a cluster named 'mycluster-free'. The cluster is in a 'Normal' state and expires in 29 days. The overview includes several status cards: Node status (1 of 1, Normal), Add-on status (0 of 0, Normal), Master status (Normal), and Ingress status (Healthy). Below these is a 'Details' section with fields for Cluster ID, Version (1.25.4_1522), Infrastructure (Classic), Zones (Milan 01), Created time (11/21/2022, 1:27 AM), Resource group (Default), and Image security enforcement (Enable). A 'Node health' section shows 1 total node with a 100% Normal status bar. A 'Networking' section is partially visible at the bottom. The page also features a sidebar with 'Overview', 'Worker nodes', 'Worker pools', and 'DevOps' (marked as 'New').

The screenshot shows the login page for the 'Containment Zone App' by Contrack. The page has a purple gradient background. At the top, there's a 'Sign Up' button. Below a cityscape icon with a padlock, the text 'Log in to the Containment Zone App' is displayed. There are three input fields: 'Email address', 'Password', and a 'Login' button. At the bottom, there's a link that says 'Don't have an account? Click here'.