

Name: Zainab Asif

Id: 2280134

Section: A

LAB: 09-B

Task 1: Deploy an Azure Container Instance using a Docker image.

The screenshot shows the 'Create container instance' wizard in the Microsoft Azure portal. The 'Review + create' tab is selected. A green banner at the top indicates 'Validation passed'. The 'Basics' section displays the following configuration:

Subscription	Azure for Students
Resource group	az104-rg9
Region	Central India
Container name	az104-c1
SKU	Standard
Image type	Public
Image	mcr.microsoft.com/azuredocs/aci-helloworld:latest
OS type	Linux
Memory (GiB)	1.5
Number of CPU cores	1

At the bottom, there are 'Create' and 'Next >' buttons, along with a 'Download a template for automation' link and a 'Give feedback' button.

The screenshot shows the 'az104-c1' container instance overview page in the Microsoft Azure portal. The left sidebar includes options like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Settings, Monitoring, Automation, and Help. The main area displays the container's status and configuration details under the 'Essentials' section:

Resource group (move)	: az104-rg9
Status	: Running
Location	: Central India
Subscription (move)	: Azure for Students
Subscription ID	: 2abc1374-49a7-48c3-b0a8-366511eba3ea
Tags (edit)	: Add tags

Below this, two charts show resource usage: 'CPU (millicores)' and 'Memory'. The CPU chart shows values of 100, 80, 60, and 40. The Memory chart shows values of 1008, 808, 608, and 408.

Task 2: Test and verify deployment of an Azure Container Instance

Screenshot of the Microsoft Azure portal showing the container instance "az104-c1".

The left sidebar shows the following navigation path: Home > NoMarketplace-20251223102133 | Overview > az104-c1.

The main content area displays the container instance details:

Name	Image	State	Previous state	Start time	Restart count
az104-c1	mcr.microsoft.com/azuredocs/a...	Running	-	2025-12-23T05:26:47.01Z	0

A message at the bottom of the table says: "To troubleshoot your container further, please [navigate to Logs](#). [Learn more](#)".

The logs section shows the following log entries:

```
listening on port 80
::ffff:10.92.0.10 - - [23/Dec/2025:05:27:39 +0000] "GET / HTTP/1.1" 200 1696 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/143.0.0.0 Safari/537.36 Edg/143.0.0.0"
::ffff:10.92.0.10 - - [23/Dec/2025:05:27:40 +0000] "GET /favicon.ico HTTP/1.1" 404 150 "http://zainabdns.bjc2fqdab9fmf7dh.centralindia.azurecontainer.io/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/143.0.0.0 Safari/537.36 Edg/143.0.0.0"
```

Screenshot of a web browser displaying the Azure Container Instances landing page.

The URL in the address bar is: zainabdns.bjc2fqdab9fmf7dh.centralindia.azurecontainer.io.

The page title is "Welcome to Azure Container Instances!".

The content of the page features a large blue cloud icon with a white arrow pointing upwards, and a purple rectangular icon with three vertical bars inside it.