

# Docker assignment 1

Scenario: From a GITHUB repo having 4 branches 2024 Q1,Q2,Q3,Q4 having file index.html should be launched on Jenkins master with different ports using port binding functionality of container like 80, 90, 8001, 8090 respectively using container created with httpd container

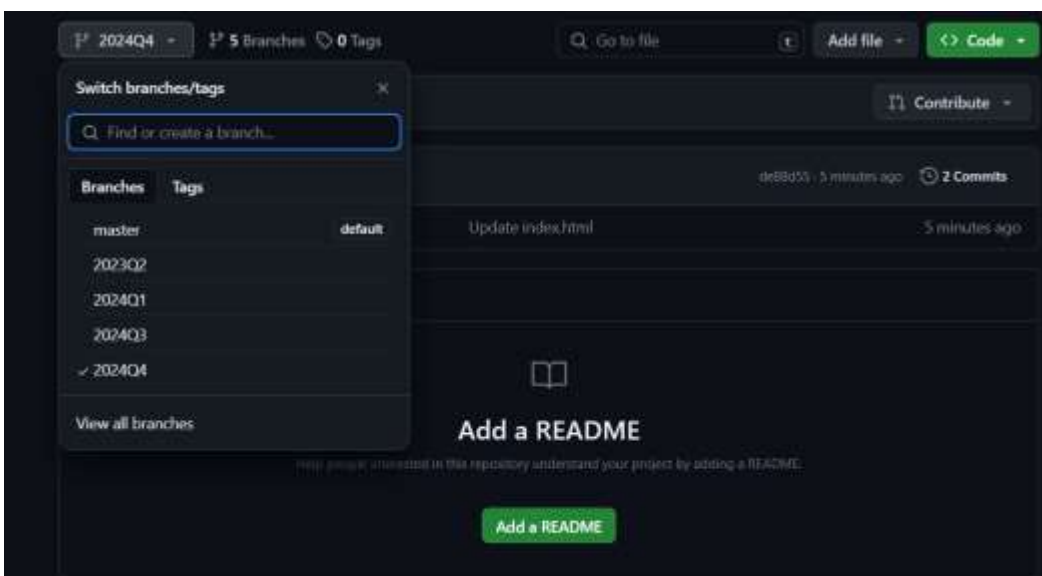
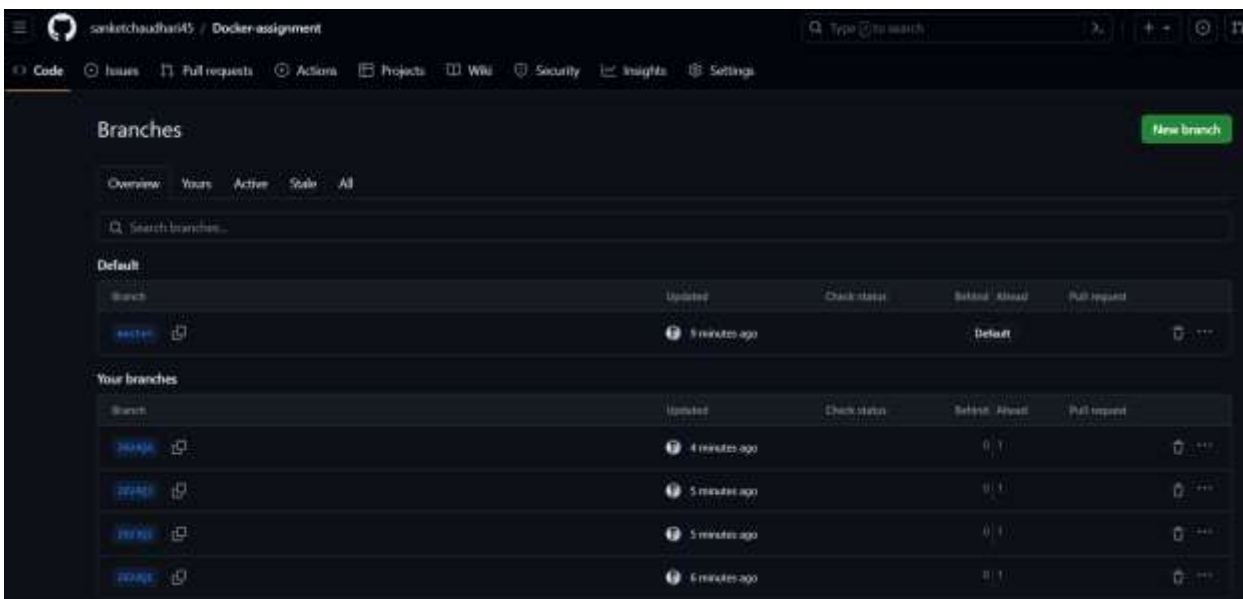
1. Set up an EC2 instance (virtual server).


2. Install Java 11 on the instance.

3. Install Tomcat for hosting web applications.

4. Download Jenkins (a tool for automation) and put it in Tomcat's webapps folder. Start Tomcat.

5. Create a GitHub repository with four branches. Add an 'index.html' file to the repository.




Jenkins

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📌
🔒
👤 sanket chaudhary
🚪 log out

[Dashboard](#) > [Docker](#)

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[📅 Build History](#)

[⚙️ Edit View](#)

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[🔗 Project Relationship](#)

[🔑 Check file fingerprint](#)


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All
Docker
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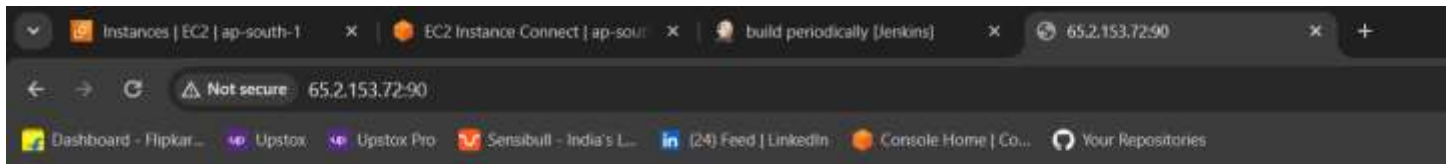
S	W	Name	Last Success	Last Failure	Last Duration		
🟢	☀️	<a href="#">build-periodically</a>	10 days <span>#6</span>	N/A	24 ms	▶️	☆
🟡	☀️	<a href="#">docker-assignment1</a>	N/A	N/A	N/A	▶️	☆
🟡	☀️	<a href="#">git-clone</a>	10 days <span>#11</span>	N/A	1.1 sec		☆
🟢	☀️	<a href="#">job-1</a>	10 days <span>#2</span>	N/A	22 ms	▶️	☆

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- The screenshot displays the Jenkins interface for a specific build. At the top, the Jenkins logo and name are visible. Below the header, there's a search bar and user information. The main content area shows the build status as 'Success' with a green checkmark. The build name is 'Build #7 (Mar 9, 2024, 2:45:55 PM)'. The build was started by user 'sanket choudhary'. The build duration is '1 min 7 sec ago' and it was 'Last 26 sec'. The page includes a sidebar with links to 'Status', 'Changes', 'Console Output', 'Edit Build Information', 'Delete Build #7', 'Open Blue Ocean', 'Restart from Stage', 'Replay', 'Pipeline Steps', 'Workspaces', and 'Previous Build'. The main content area shows the build details and a 'Keep this build forever' button.

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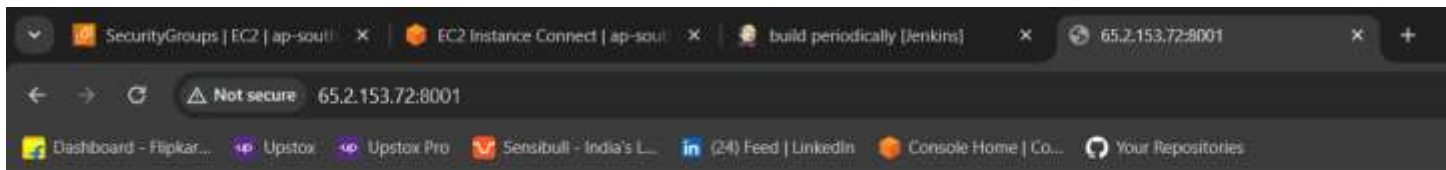
This is index file for Q1

- 2024Q2 running on port 90



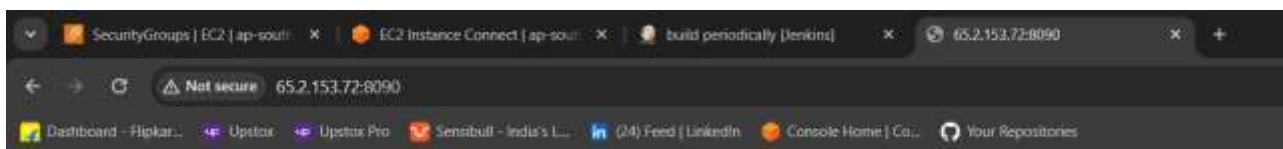
This is index file for Q2

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- 2024Q3 running on port 8001



This is index file for Q3

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- 2024Q4 running on port 8090



This is index file for Q4

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Before Accessing the website make sure you add ports in securtiy group .

Info						
sgr-047860e0613f78244	HTTP ▼	TCP	80	Custom ▼	Q	
					0.0.0.0/0 ✕	
sgr-011dc8ee76ec77c8a	Custom TCP ▼	TCP	8090	Custom ▼	Q	
					0.0.0.0/0 ✕	
sgr-092437fc71a8d666c	Custom TCP ▼	TCP	8001	Custom ▼	Q	
					0.0.0.0/0 ✕	
sgr-090b8b215614aa509	SSH ▼	TCP	22	Custom ▼	Q	
					0.0.0.0/0 ✕	
sgr-0e3b7f31419029dfc	Custom TCP ▼	TCP	8080	Custom ▼	Q	
					0.0.0.0/0 ✕	

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