

DOCKER

The screenshot shows the Docker Desktop application window. The top bar is blue with the Docker logo and 'PERSONAL' label. A search bar is present with the text 'Search for images, containers, volumes, extensions...' and a 'Ctrl+K' shortcut. The left sidebar contains navigation icons for Containers, Images (selected), Volumes, Builds, Docker Scout, and Extensions. The main area is titled 'Images' with a 'Give feedback' link. Below the title, there are tabs for 'Local' and 'Hub'. A progress bar shows '3.02 GB / 9.13 GB in use' and '32 images'. A 'Last refresh: 56 minutes ago' indicator is on the right. A search bar is below the progress bar. A table lists three images:

<input type="checkbox"/>	Name	Tag	Status	Created	Size	Actions
<input type="checkbox"/>	mynewimage f1b3db03f56	1.0	In use	3 days ago	279.16 MB	▶ ⋮ 🗑
<input type="checkbox"/>	myapp fd1f56e6465f	1.0	In use	3 days ago	1.61 GB	▶ ⋮ 🗑
<input type="checkbox"/>	kaushal314/getting-startec f356d3c00ae9	latest	In use	3 days ago	1.61 GB	▶ ⋮ 🗑

Below the table is a 'Terminal' tab. It shows a Windows PowerShell prompt with the following text:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSHWindows

PS C:\Users\kaush> cd getting-started-todo-app-main
```

The bottom status bar shows 'Engine running', 'Kubernetes running', 'RAM 6.41 GB', 'CPU 3.25%', and 'Disk 1009.47 GB avail. of 1081.10 GB'. The system tray at the bottom shows the temperature '78°', search bar, taskbar icons, and system clock '12:16 PM 11/9/2024'.

This screenshot is similar to the one above, but the terminal window shows an additional command being executed:

```
PS C:\Users\kaush> cd getting-started-todo-app-main
PS C:\Users\kaush\getting-started-todo-app-main> docker compose watch
```

The rest of the interface, including the sidebar, main area, and status bar, is identical to the previous screenshot.

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Images

Give feedback

4.6 GB / 9.13 GB in use 32 Images

Last refresh: 1 hour ago

Search

Name

gcr.io/k8s-minikube/

81df28859520

getting-started-todo-

c84bcb7a0da

getting-started-todo-

75eb57a8d351

Created

Size

Actions

(dangling)

2 months ago

1.81 GB

2 days ago

1.74 GB

3 days ago

1.69 GB

Showing 32 items

Terminal

[+] Running 6/6

✓ Network getting-started-todo-app-main_default Created 0.1s

✓ Container getting-started-todo-app-main-mysql-1 Started 1.4s

✓ Container getting-started-todo-app-main-client-1 Started 2.2s

✓ Container getting-started-todo-app-main-backend-1 Started 2.2s

✓ Container getting-started-todo-app-main-proxy-1 Started 2.3s

✓ Container getting-started-todo-app-main-phpmyadmin-1 Started 2.2s

Watch enabled

Engine running | Kubernetes running RAM 7.14 GB CPU 12.24% Disk 1009.45 GB avail. of 1081.10 GB

Run a new container

getting-started-todo-app-main-client:latest

Optional settings

Cancel Run

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage 0.99% / 1600% (16 CPUs available)

Container memory usage 857.71 MB / 7.29 GB

Show charts

Q sha256:c84bcb7a0da43bfe29900i

Only show running containers

Name

getting-started-todo-app-

main

Status

Running (7/7)

Port(s)

CPU (%)

0%

Last started

16 seconds ago

Actions

Terminal

[+] Running 6/6

✓ Network getting-started-todo-app-main_default Created 0.1s

✓ Container getting-started-todo-app-main-mysql-1 Started 1.4s

✓ Container getting-started-todo-app-main-client-1 Started 2.2s

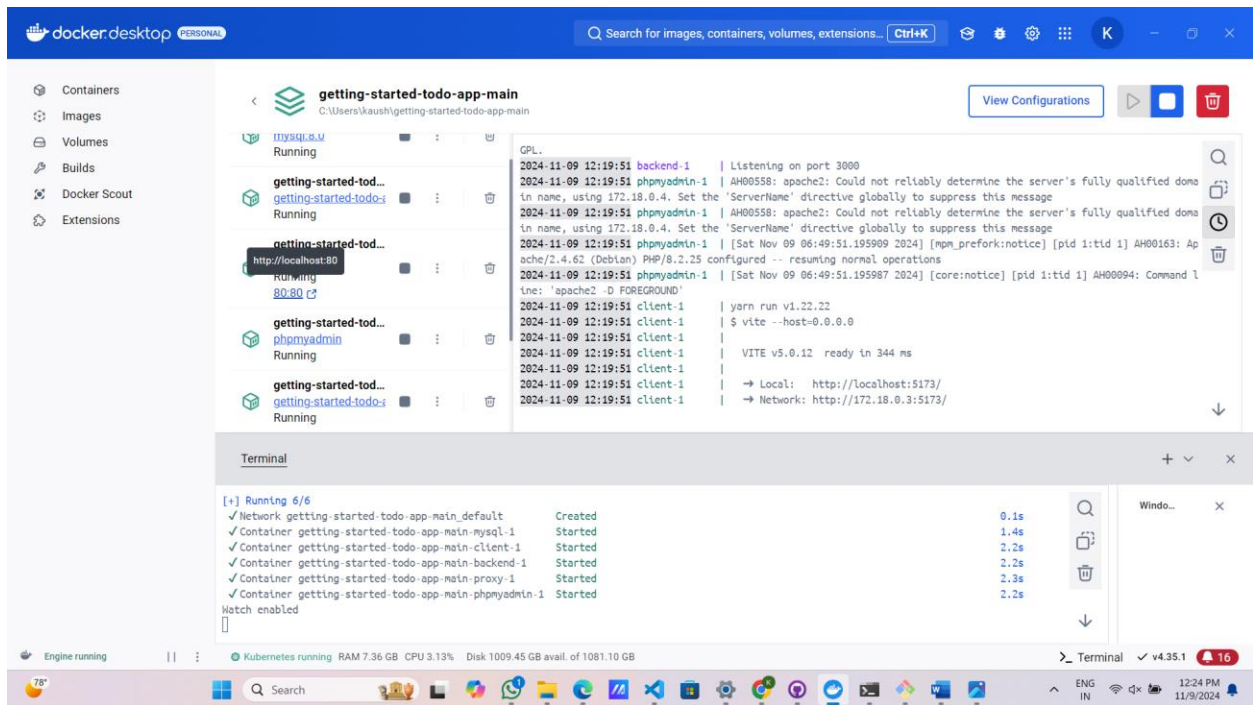
✓ Container getting-started-todo-app-main-backend-1 Started 2.2s

✓ Container getting-started-todo-app-main-proxy-1 Started 2.3s

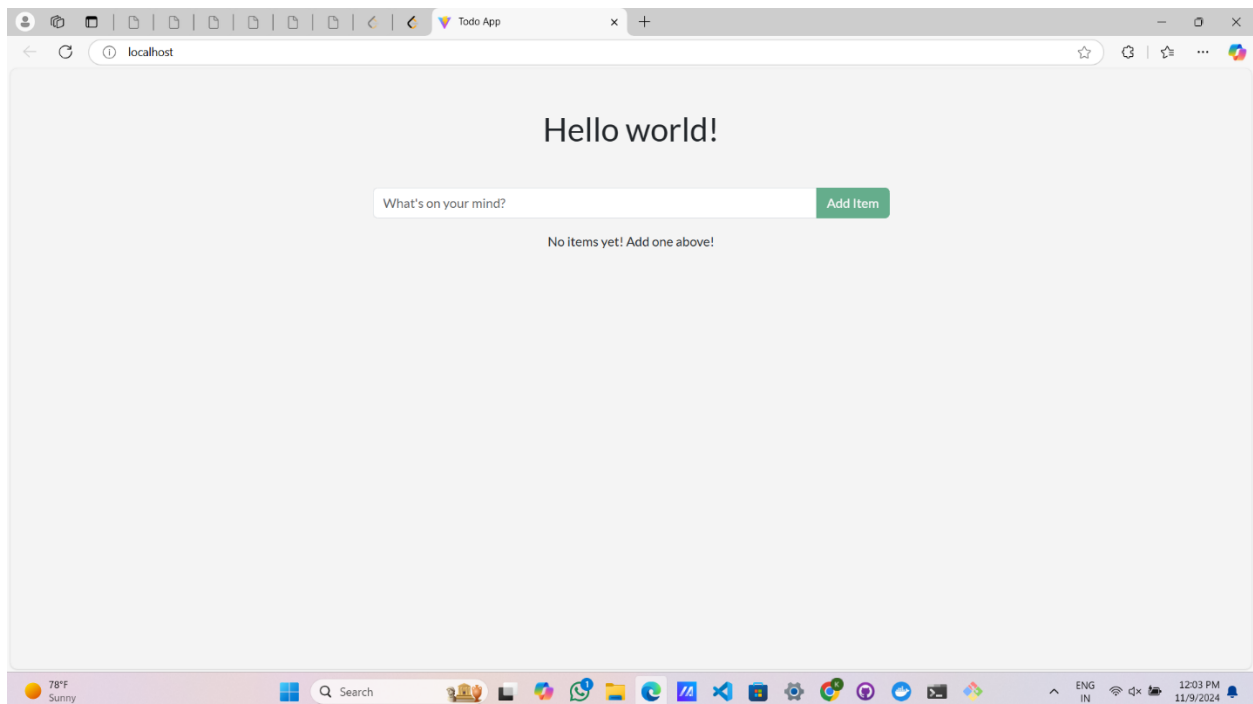
✓ Container getting-started-todo-app-main-phpmyadmin-1 Started 2.2s

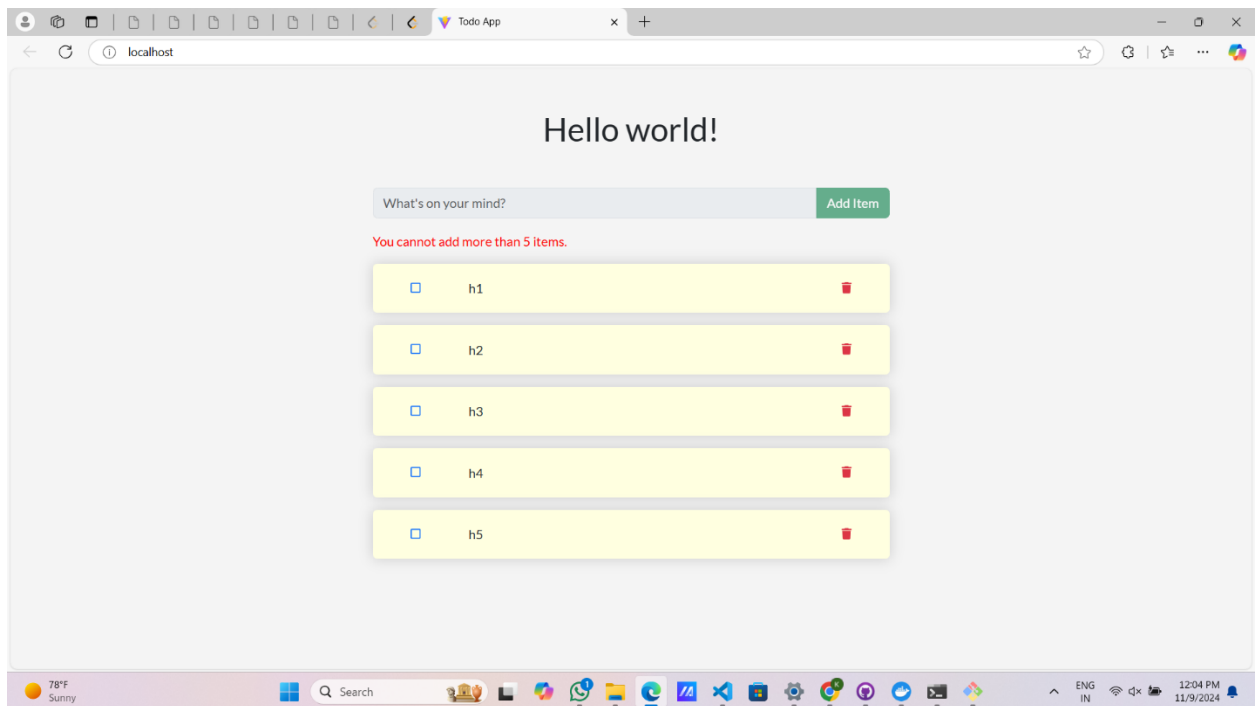
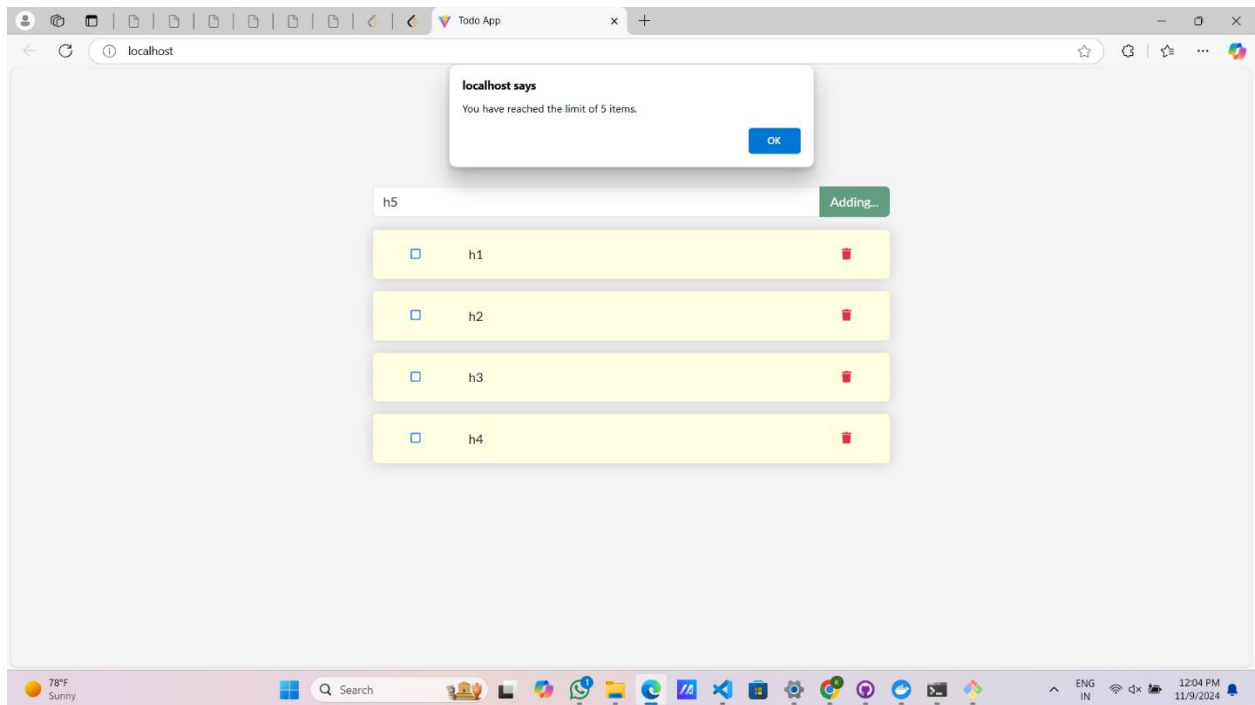
Watch enabled

Engine running | Kubernetes running RAM 7.35 GB CPU 3.88% Disk 1009.45 GB avail. of 1081.10 GB

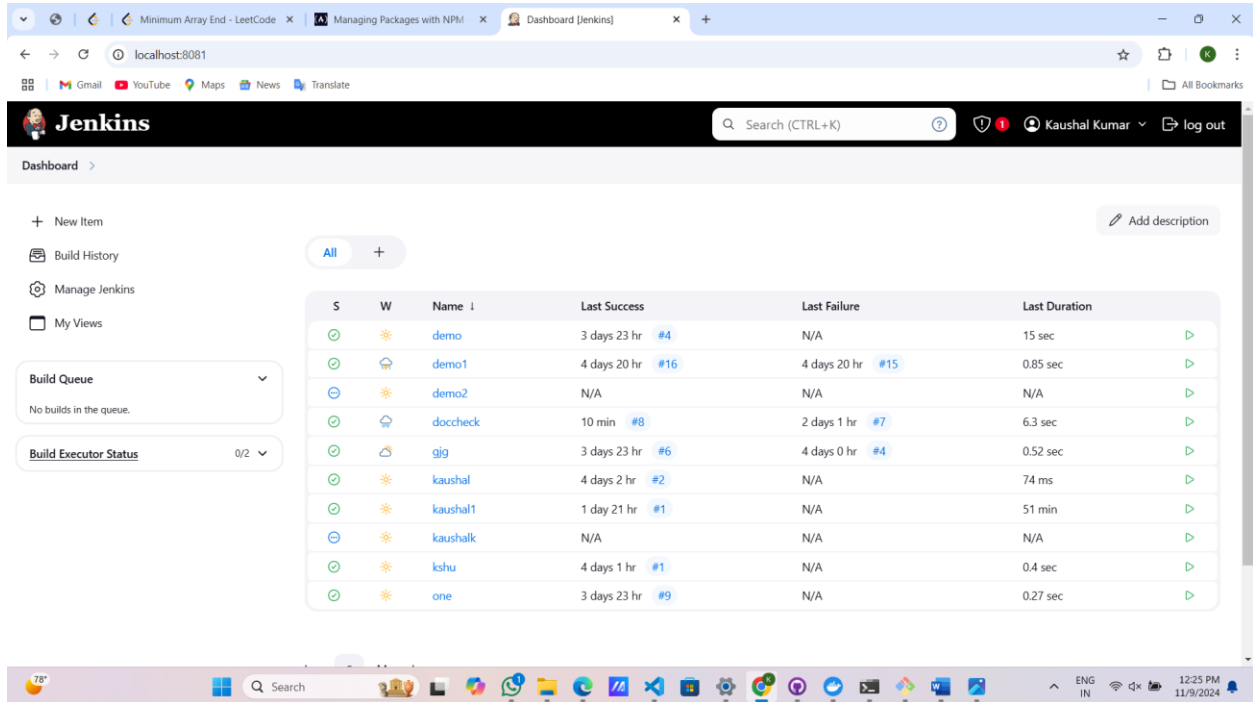


TO-DO APP



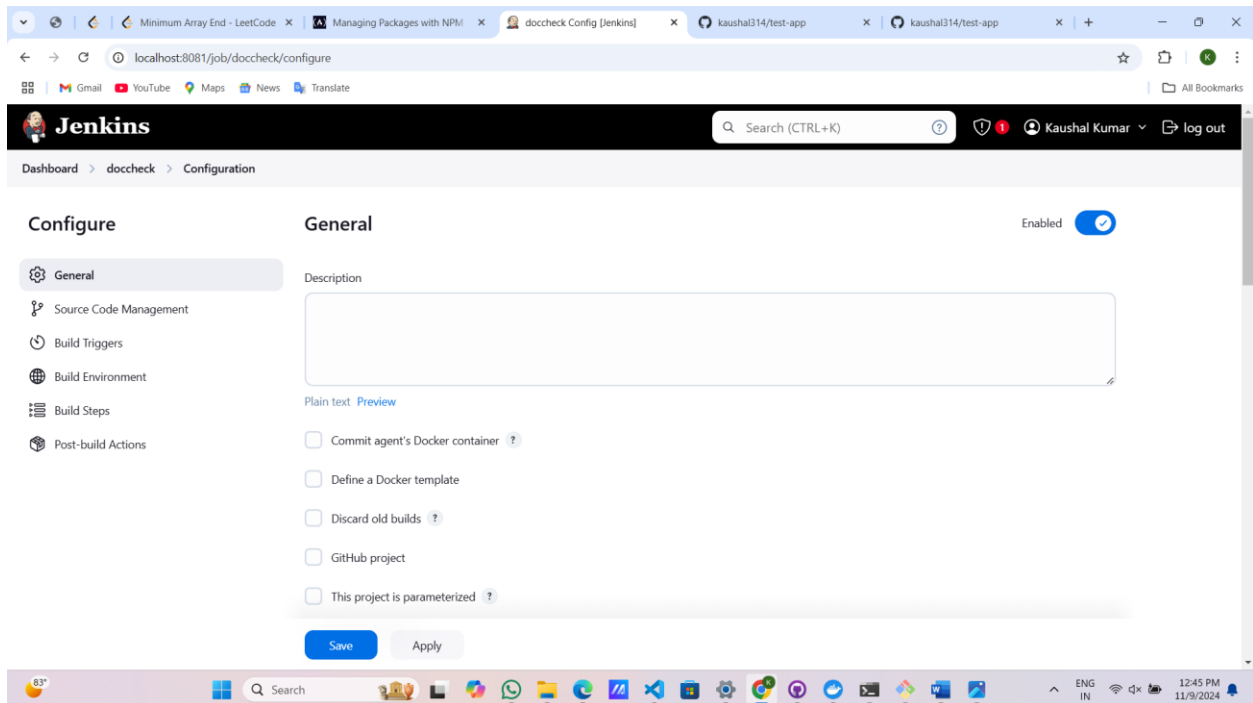


JENKINS



The screenshot shows the Jenkins Dashboard in a web browser. The browser's address bar displays 'localhost:8081'. The Jenkins header includes a search bar, a user profile for 'Kaushal Kumar', and a 'log out' button. The left sidebar contains navigation links: 'New Item', 'Build History', 'Manage Jenkins', and 'My Views'. Below these are two panels: 'Build Queue' (showing 'No builds in the queue.') and 'Build Executor Status' (showing '0/2'). The main content area features a table of build history with columns for status, icon, name, last success, last failure, and last duration. A table with 7 columns (S, W, Name, Last Success, Last Failure, Last Duration) and 10 rows of build data is displayed. The bottom of the image shows a Windows taskbar with various application icons and a system clock indicating 12:25 PM on 11/9/2024.

S	W	Name	Last Success	Last Failure	Last Duration
✓	☀	demo	3 days 23 hr #4	N/A	15 sec
✓	☀	demo1	4 days 20 hr #16	4 days 20 hr #15	0.85 sec
⊖	☀	demo2	N/A	N/A	N/A
✓	☀	doccheck	10 min #8	2 days 1 hr #7	6.3 sec
✓	☀	gfg	3 days 23 hr #6	4 days 0 hr #4	0.52 sec
✓	☀	kaushal	4 days 2 hr #2	N/A	74 ms
✓	☀	kaushal1	1 day 21 hr #1	N/A	51 min
⊖	☀	kaushalk	N/A	N/A	N/A
✓	☀	kshu	4 days 1 hr #1	N/A	0.4 sec
✓	☀	one	3 days 23 hr #9	N/A	0.27 sec



The screenshot shows the Jenkins Configuration page for a job named 'doccheck'. The browser's address bar displays 'localhost:8081/job/doccheck/configure'. The Jenkins header is consistent with the previous screenshot. The left sidebar shows the 'Configure' section with a list of tabs: 'General', 'Source Code Management', 'Build Triggers', 'Build Environment', 'Build Steps', and 'Post-build Actions'. The 'General' tab is selected, showing a 'Description' text area, a 'Plain text' preview, and several checkboxes for configuration options. The 'Enabled' toggle is turned on. The bottom of the image shows a Windows taskbar with various application icons and a system clock indicating 12:45 PM on 11/9/2024.

Configure

General Enabled ☒

Description

Plain text [Preview](#)

☐ Commit agent's Docker container ?

☐ Define a Docker template

☐ Discard old builds ?

☐ GitHub project

☐ This project is parameterized ?

[Save](#) [Apply](#)

Dashboard > doccheck > Configuration

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps**
- Post-build Actions

Build Steps

Execute Windows batch command ?

Command

[See the list of available environment variables](#)

```
docker --version
docker images
docker run hello-world
docker ps
docker pull nginx
```

Advanced ▾

Add build step ▾

Post-build Actions

Add post-build action ▾

Save **Apply**

Dashboard > doccheck

doccheck

[Add description](#)

Permalinks

- Last build (#8), 11 min ago
- Last stable build (#8), 11 min ago
- Last successful build (#8), 11 min ago
- Last failed build (#7), 2 days 1 hr ago
- Last unsuccessful build (#7), 2 days 1 hr ago
- Last completed build (#8), 11 min ago

Builds

Filter /

Today

- ✓ #8 12:14 PM ▾

November 7, 2024

- ✗ #7 10:54 AM ▾

localhost:8081/job/doccheck/build?delay=0sec

Minimum Array End - LeetCodeManaging Packages with NPMdoccheck #8 [Jenkins]

localhost:8081/job/doccheck/8/

Jenkins

Search (CTRL+K)

Kaushal Kumar

log out

Dashboard > doccheck > #8

Status

Changes

Console Output

Edit Build Information

Delete build '#8'

Timings

Previous Build

#8 (Nov 9, 2024, 12:14:24 PM)

Add description

Keep this build forever

Started by user Kaushal Kumar

This run spent:

- 14 ms waiting;
- 6.3 sec build duration;
- 6.3 sec total from scheduled to completion.

No changes.

Started 12 min ago

Took 6.3 sec

localhost:8081/job/doccheck/8/console

REST APIJenkins 2.479.1

78°

Search

ENG IN12:26 PM11/9/2024

Minimum Array End - LeetCodeManaging Packages with NPMdoccheck #8 Console [Jenkins]

localhost:8081/job/doccheck/8/console

Jenkins

Search (CTRL+K)

Kaushal Kumar

log out

Dashboard > doccheck > #8 > Console Output

Status

Changes

Console Output

Edit Build Information

Delete build '#8'

Timings

Previous Build

Console Output

Download

Copy

View as plain text

Started by user Kaushal Kumar

Running as SYSTEM

Building in workspace C:\ProgramData\Jenkins\jenkins\workspace\doccheck

[doccheck] \$ cmd /c call c:\Windows\TEMP\jenkins12578679568962015410.bat

C:\ProgramData\Jenkins\jenkins\workspace\doccheck>docker --version

Docker version 27.3.1, build ce12230

C:\ProgramData\Jenkins\jenkins\workspace\doccheck>docker images

REPOSITORY	SIZE	TAG	IMAGE ID
getting-started-todo-app-main-client	1.74GB	latest	69126b2b07f3 2 days ago
mynewimage	279MB	1.0	f1b3dbe03f56 2 days ago
kaushal314/getting-started-todo-app-main	1.61GB	latest	f356d3c00ae9 2 days ago
myapp	1.61GB	1.0	fd1f56a6465f 2 days ago
getting-started-todo-app-main-backend	1.7GB	latest	6dc06a66ad8a 3 days ago
jenkins/jenkins		latest	c419b505a815 3 days ago

Dashboard > doccheck > #8 > Console Output

```
months ago 8.2MB latest 2ec46aba67db 16
phpmyadmin
months ago 799MB dc331cb22850be0cd97c84a9cfecaf44a1afb6e 7ecf567ea070 18
docker/desktop-vpnkit-controller
months ago 47MB latest d211f485f2dd 18
hello-world
months ago 24.4KB registry.k8s.io/pause 3.9 7031c1b28338 2
years ago 1.07MB docker/desktop-storage-provisioner v2.0 115d77efe6e2 3
years ago 59.2MB casanode/welcome arm 257fbffcca95 5
years ago 28.1MB okteto/welcome latest ef09061209e 5
years ago 109MB

C:\ProgramData\Jenkins\.jenkins\workspace\doccheck>docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
```

78° Search 12:27 PM 11/9/2024

Dashboard > doccheck > #8 > Console Output

```
getting-started-todo-app-main-phpmyadmin-1
1da1ae044508 mysql:8.0 "docker-entrypoint.s..." 12 minutes ago Up 12 minutes 3306/tcp, 33060/tcp
25890efc35ef getting-started-todo-app-main-client "docker-entrypoint.s..." 12 minutes ago Up 12 minutes
05ebbd70d3 getting-started-todo-app-main-backend "docker-entrypoint.s..." 12 minutes ago Up 12 minutes
df4a679ebb1 traefik:v2.11 "/entrypoint.sh --pr..." 12 minutes ago Up 12 minutes 0.0.0.0:80->80/tcp
809e21f54733 okteto/welcome:latest "/app/run.sh" 3 hours ago Up 3 hours 80/tcp
funny_swartz
336ce451feaf 28402db69fec "/docker-entrypoint..." 3 hours ago Up 3 hours
k8s_nginx_nginx-depl-85c9d7c5f4-9s74x_default_eb75fee8-957c-4c60-a571-688bc19e036c_2

C:\ProgramData\Jenkins\.jenkins\workspace\doccheck>docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
Digest: sha256:28402db69fec7c17e179ea87882667f1e054391138f77ffa0c3eb388efc3ffb
Status: Image is up to date for nginx:latest
docker.io/library/nginx:latest

C:\ProgramData\Jenkins\.jenkins\workspace\doccheck>exit 0
Finished: SUCCESS
```

REST API Jenkins 2.479.1

78° Search 12:27 PM 11/9/2024

Minimum Array End - LeetCode x Managing Packages with NPM x gig [Jenkins] x kaushal314/test-app x test-app/ at main - kaushal314/ x +

localhost:8081/job/gig/

Gmail YouTube Maps News Translate All Bookmarks

Jenkins

Search (CTRL+K) Kaushal Kumar log out

Dashboard > gig

Status

Changes

Build with Parameters

Configure

Delete Pipeline

Stages

Rename

Pipeline Syntax

gig

this

Permalinks

- Last build (#6), 4 days 0 hr ago
- Last stable build (#6), 4 days 0 hr ago
- Last successful build (#6), 4 days 0 hr ago
- Last failed build (#4), 4 days 0 hr ago
- Last unsuccessful build (#4), 4 days 0 hr ago
- Last completed build (#6), 4 days 0 hr ago

Edit description

Builds

Filter /

November 5, 2024

- #6 12:27 PM
- #5 12:20 PM

localhost:8081/job/gig/configure

83° Search ENG IN 1:05 PM 11/9/2024

Minimum Array End - LeetCode x Managing Packages with NPM x gig Config [Jenkins] x kaushal314/test-app x test-app/ at main - kaushal314/ x +

localhost:8081/job/gig/configure

Gmail YouTube Maps News Translate All Bookmarks

Jenkins

Search (CTRL+K) Kaushal Kumar log out

Dashboard > gig > Configuration

Configure

General

Advanced Project Options

Pipeline

General

Enabled

Description

this

Plain text Preview

☐ Discard old builds ?

☐ Do not allow concurrent builds

☐ Do not allow the pipeline to resume if the controller restarts

☐ GitHub project

☐ Pipeline speed/durability override ?

Save Apply

83° Search ENG IN 1:06 PM 11/9/2024

Dashboard > gig > Configuration

Configure

General
Advanced Project Options
Pipeline

Definition

Pipeline script

```
1 pipeline {  
2   agent any  
3   parameters {  
4     string(name: 'HELLO', defaultValue: 'Ar Jenkins', description: 'Who should I say hello to?')  
5     text(name: 'HOW', defaultValue: '', description: 'Enter some information about the person')  
6     booleanParam(name: 'TOUGHT', defaultValue: true, description: 'Toggle this value')  
7     choice(name: 'CHOICE', choices: ['One', 'Two', 'Three'], description: 'Pick something')  
8     password(name: 'PASS', defaultValue: 'SECRET', description: 'Enter a password')  
9   }  
10  stages {  
11    stage('Example') {  
12      steps {  
13        echo "Hello ${params.HELLO}"  
14        echo "Biography: ${params.HOW}"  
15        echo "Toggle: ${params.TOUGHT}"  
16        echo "Choice: ${params.CHOICE}"  
17        echo "Password: ${params.PASS}"  
18      }  
19    }  
20  }  
21 }
```

☒ Use Groovy Sandbox

[Pipeline Syntax](#)

Save Apply

REST API Jenkins 2.479.1

Dashboard > gig > #6

Console Output

Status
Changes
Console Output
Edit Build Information
Delete build '#6'
Parameters
Timings
Pipeline Overview
Pipeline Console
Replay
Pipeline Steps
Workspaces
Previous Build

Started by user Kaushal Kumar

[Pipeline] Start of Pipeline

[Pipeline] node

Running on Jenkins in C:\ProgramData\Jenkins\jenkins\workspace\gig

[Pipeline] {

[Pipeline] stage

[Pipeline] { (Example)

[Pipeline] echo

Hello Ar Jenkins

[Pipeline] echo

Biography:

[Pipeline] echo

Toggle: true

[Pipeline] echo

Choice: One

[Pipeline] echo

Warning: A secret was passed to "echo" using Groovy String interpolation, which is insecure.
Affected argument(s) used the following variable(s): [PASSWORD]
See <https://jenkins.io/redirect/groovy-string-interpolation> for details.

Password: SECRET

[Pipeline] }

[Download](#) [Copy](#) [View as plain text](#)