

# DOCKER INSTALLATION

WITH SYSTEM REQUIREMENTS and  
cli commands

# Download the docker from the link as shown

The screenshot shows a Google search for "docker download". The search bar at the top contains "docker download". Below the search bar, the results show "About 17,10,00,000 results (0.48 seconds)". The first result is from <https://docs.docker.com/desktop/windows/install/> and is titled "Install Docker Desktop on Windows". The description says: "This page contains information about Docker Desktop for Windows system requirements, download URL, instructions to install and update Docker Desktop for ...". Below the description is a box titled "People also search for" with links to "docker download for windows", "docker download mac", "docker download linux", "docker desktop", "docker hub", and "docker install". The second result is from <https://www.docker.com/products/docker-desktop> and is titled "Docker Desktop". The description says: "Docker Desktop is an application for MacOS and Windows machines for the building and sharing of containerized applications and microservices. Docker Desktop ...". Below the description are links to "Docker volumes", "Docker Desktop Alternatives", and "How Kubernetes works under...". The third result is from <https://docs.docker.com/get-docker/> and is titled "Get Docker".

At the bottom of the screen, there is a taskbar with icons for MS-Office-Pro-Plus, Tomcat-installation.pptx, and docker installatio....pptx. The system tray shows the date and time as 13:52 on 21-05-2022, and the language is set to ENG. There is also a watermark for "Activate Windows" in the bottom right corner.

Click on the following link to download the executable file

The screenshot shows a web browser window with the URL `docs.docker.com/desktop/windows/install/`. The page is titled "Install Docker Desktop on Windows" and includes a sidebar with navigation links. The main content area features a yellow warning box about commercial use, a blue box with a "Download Docker Desktop for Windows" button, and a "System requirements" section. The right sidebar contains links for "Edit this page", "Request docs changes", and "On this page" which lists various topics like "System requirements", "WSL 2 backend", and "Hyper-V backend".

**Install Docker Desktop on Windows**  
*Estimated reading time: 10 minutes*

**Update to the Docker Desktop terms**  
Commercial use of Docker Desktop in larger enterprises (more than 250 employees OR more than \$10 million USD in annual revenue) now requires a paid subscription.

Welcome to Docker Desktop for Windows. This page contains information about Docker Desktop for Windows system requirements, download URL, instructions to install and update Docker Desktop for Windows.

**Download Docker Desktop for Windows**

[Docker Desktop for Windows](#)

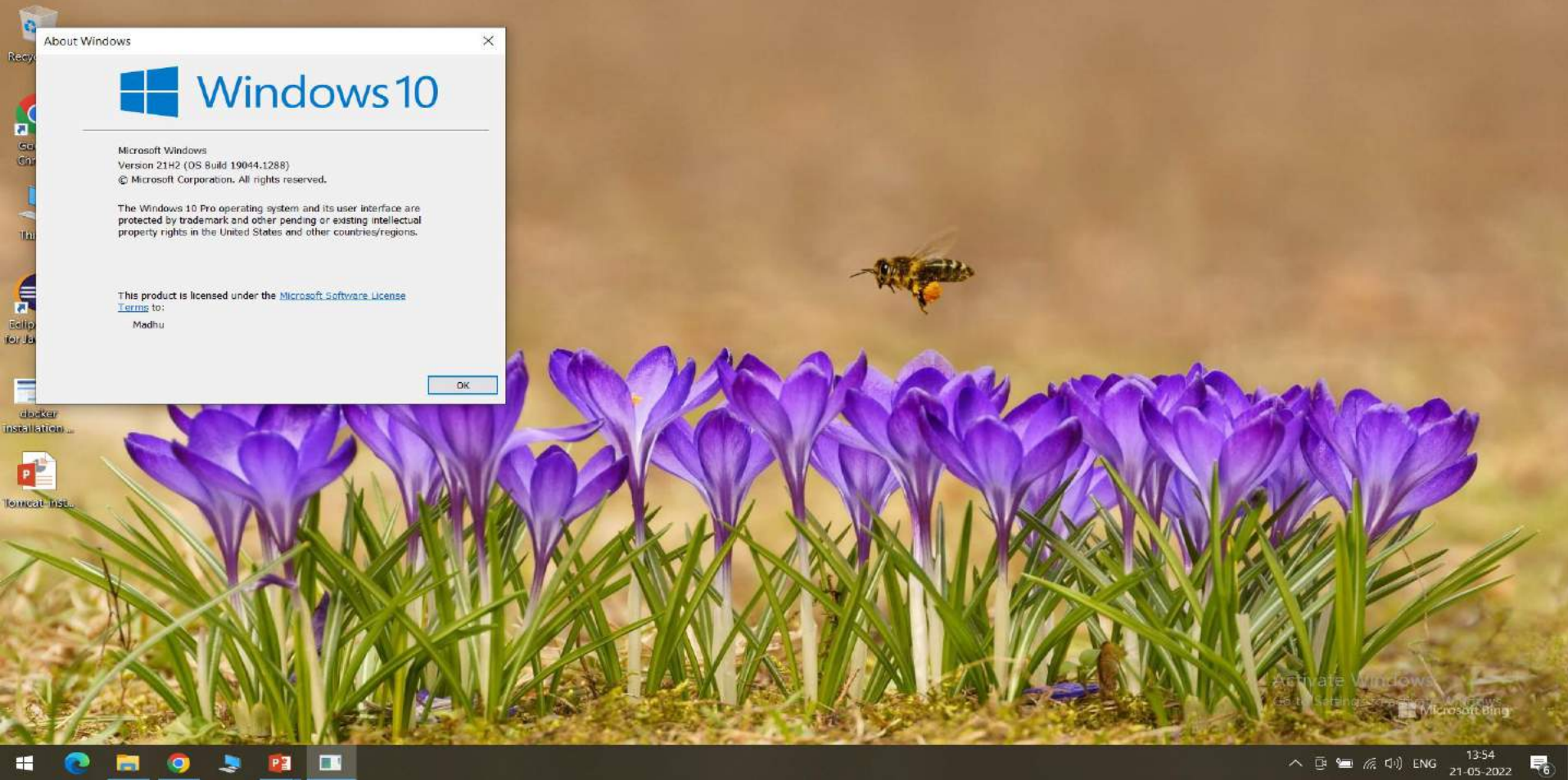
**System requirements**  
Your Windows machine must meet the following requirements to successfully install Docker Desktop.

**On this page:**

- System requirements
  - [WSL 2 backend](#)
  - [Hyper-V backend and Windows containers](#)
  - [About Windows containers](#)
- [Install Docker Desktop on Windows](#)
  - [Install interactively](#)
  - [Install from the command line](#)
- [Start Docker Desktop](#)
- [Quick Start Guide](#)
- [Updates](#)
- [Uninstall Docker Desktop](#)

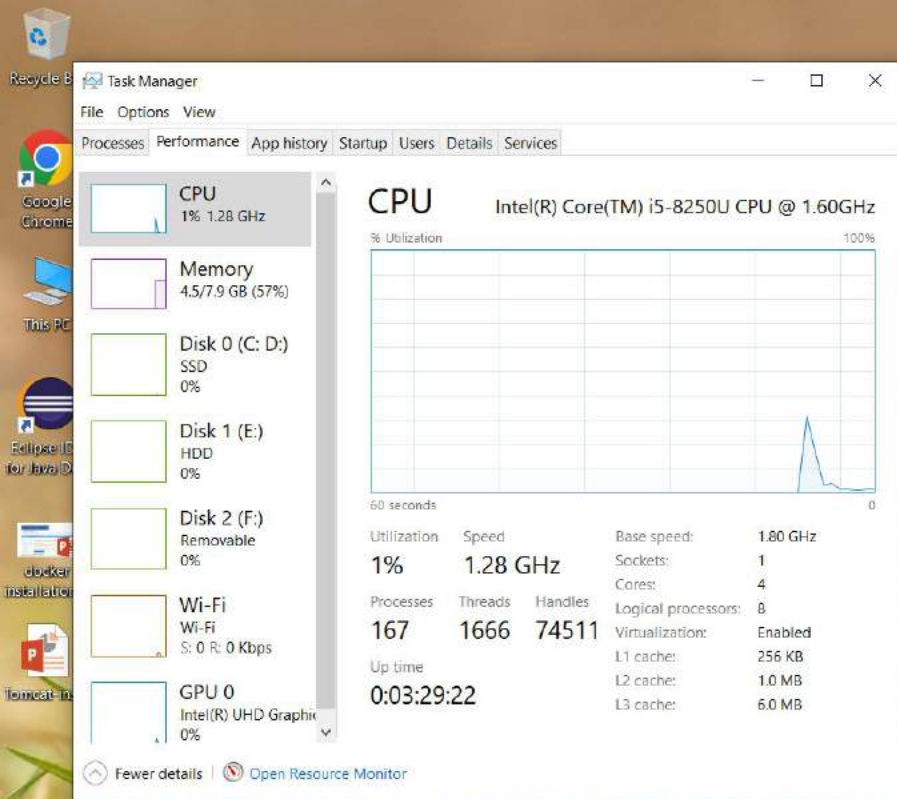
**Activate Windows**  
Go to Settings to activate Windows. [Show all](#)

# Type winver in Run to check the prerequisites - OS version- Windows 10 pro preferably

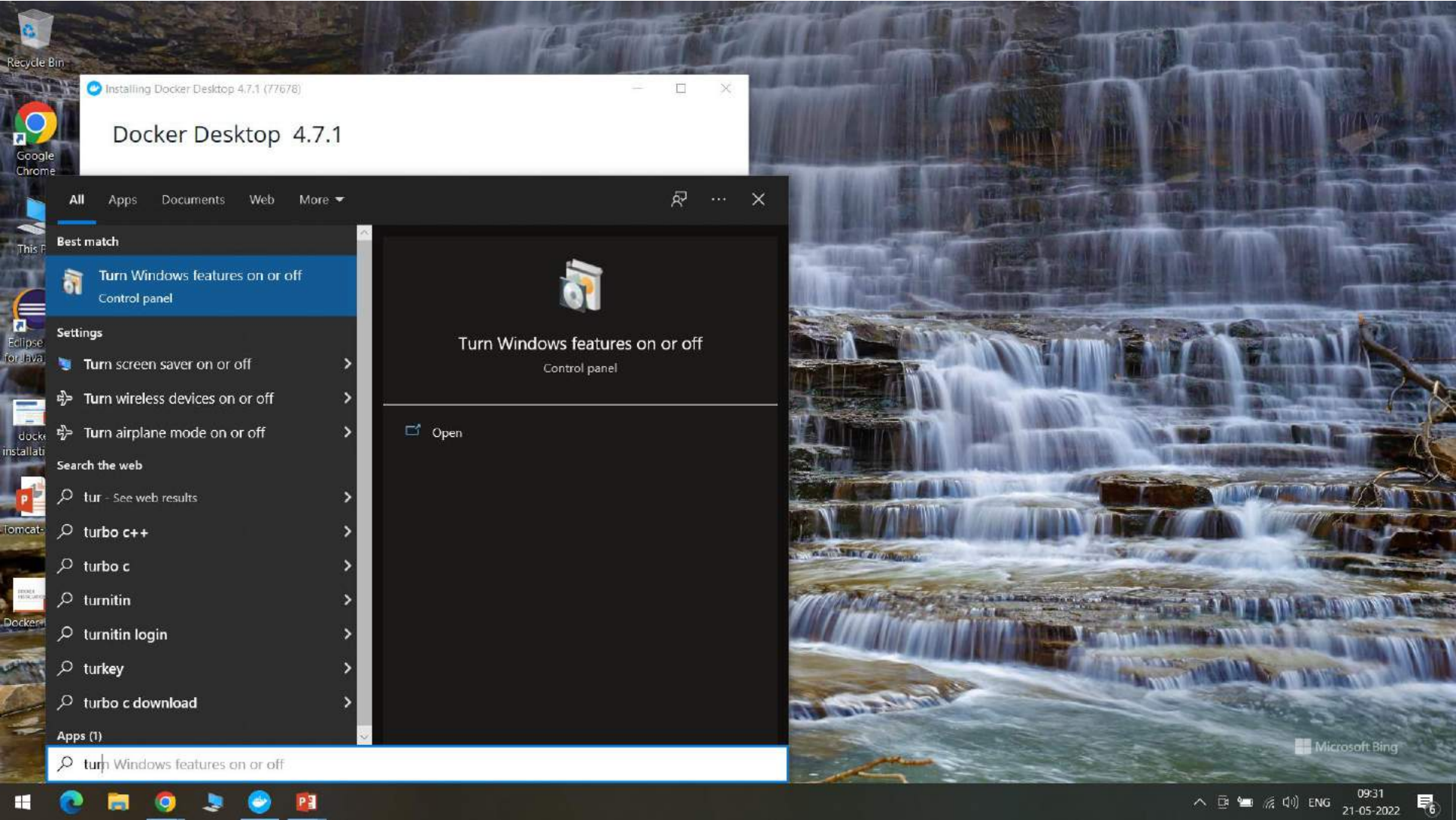




# Make sure Virtualization is enabled in the system, we can check it in task manager as shown

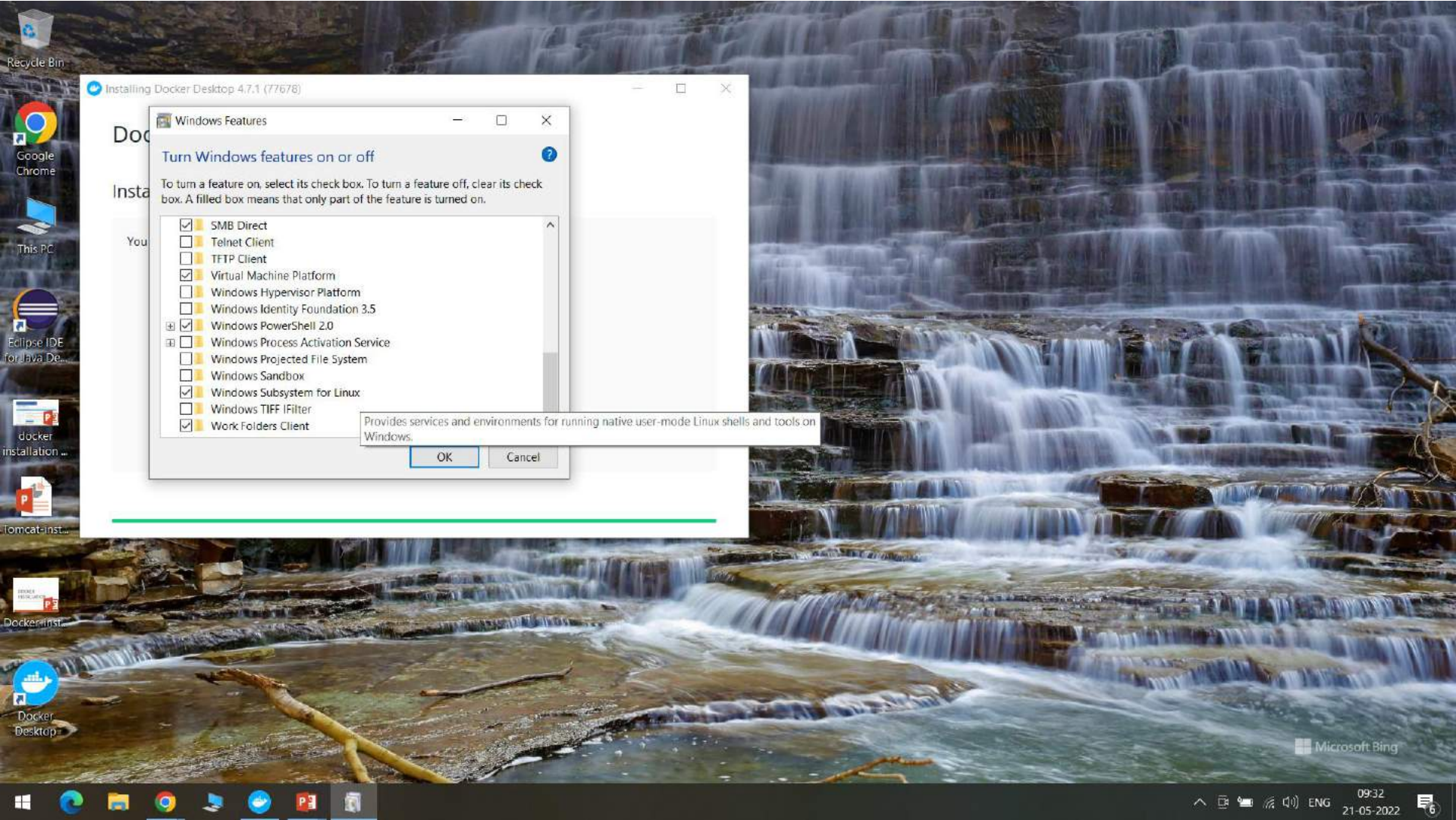


# Click on turn windows features on or off in start

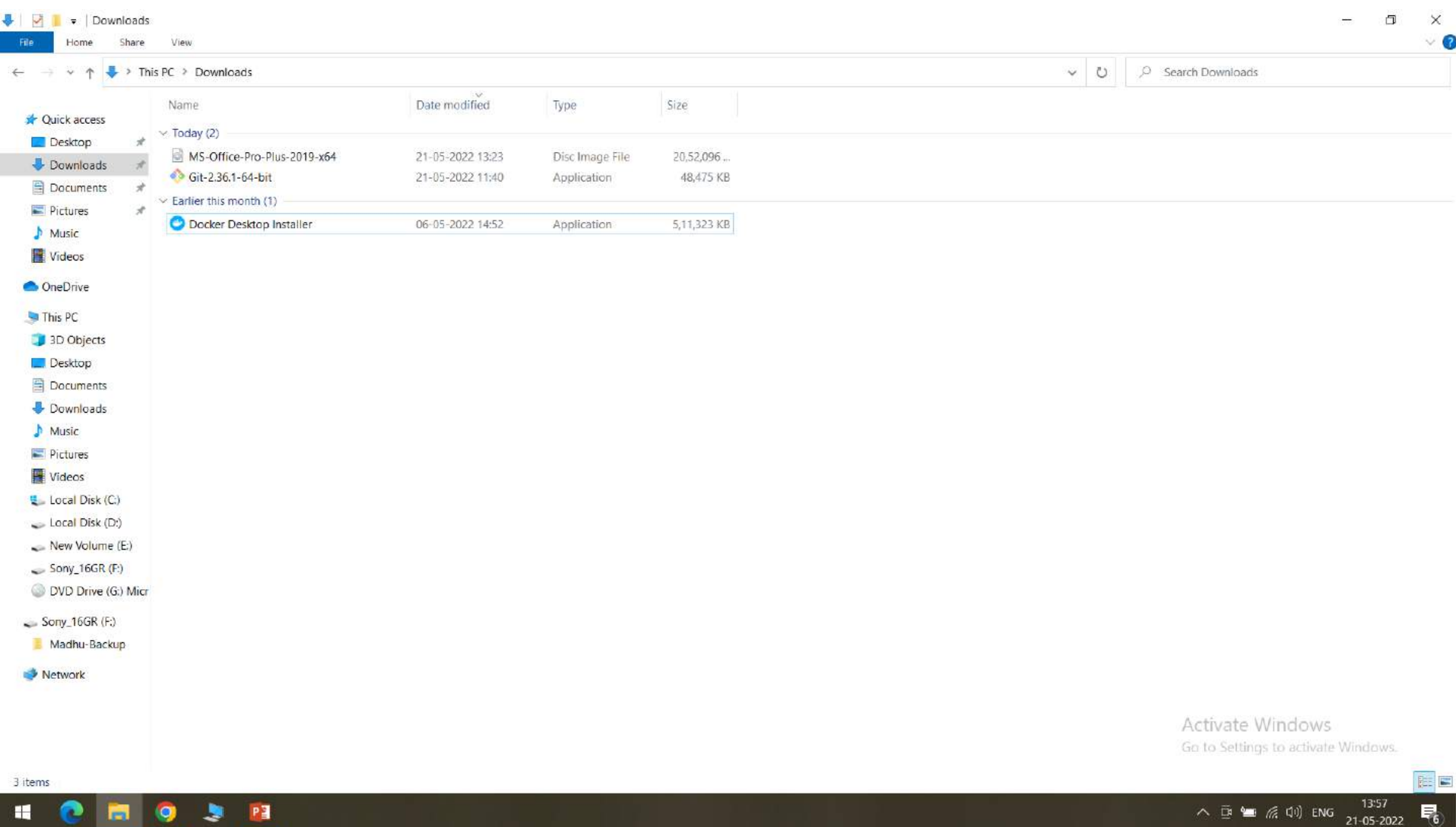




# Make sure to check the Virtual Machine Platform and Windows subsystem for Linux checkboxes and click ok

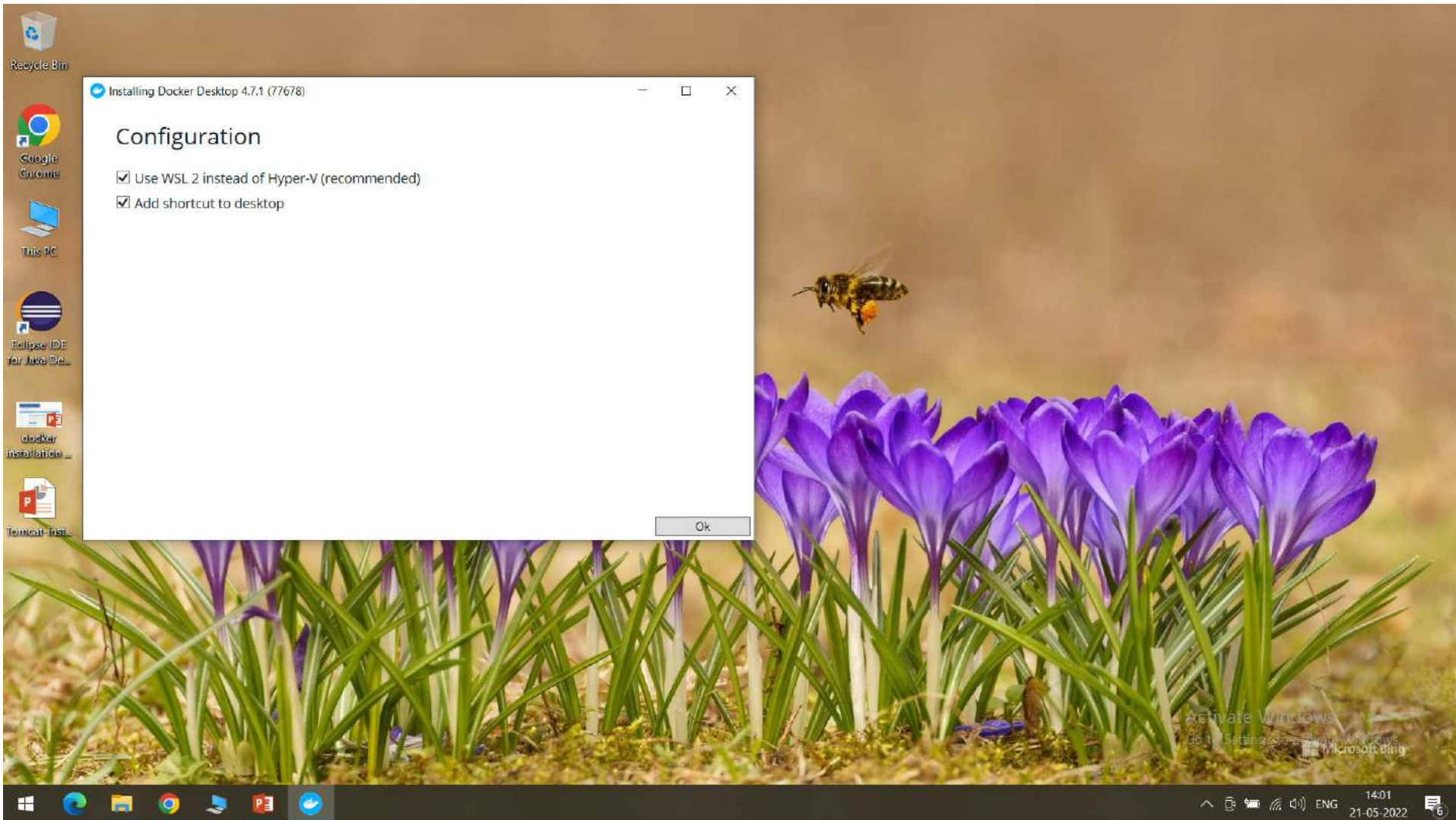


# Download Docker for Windows

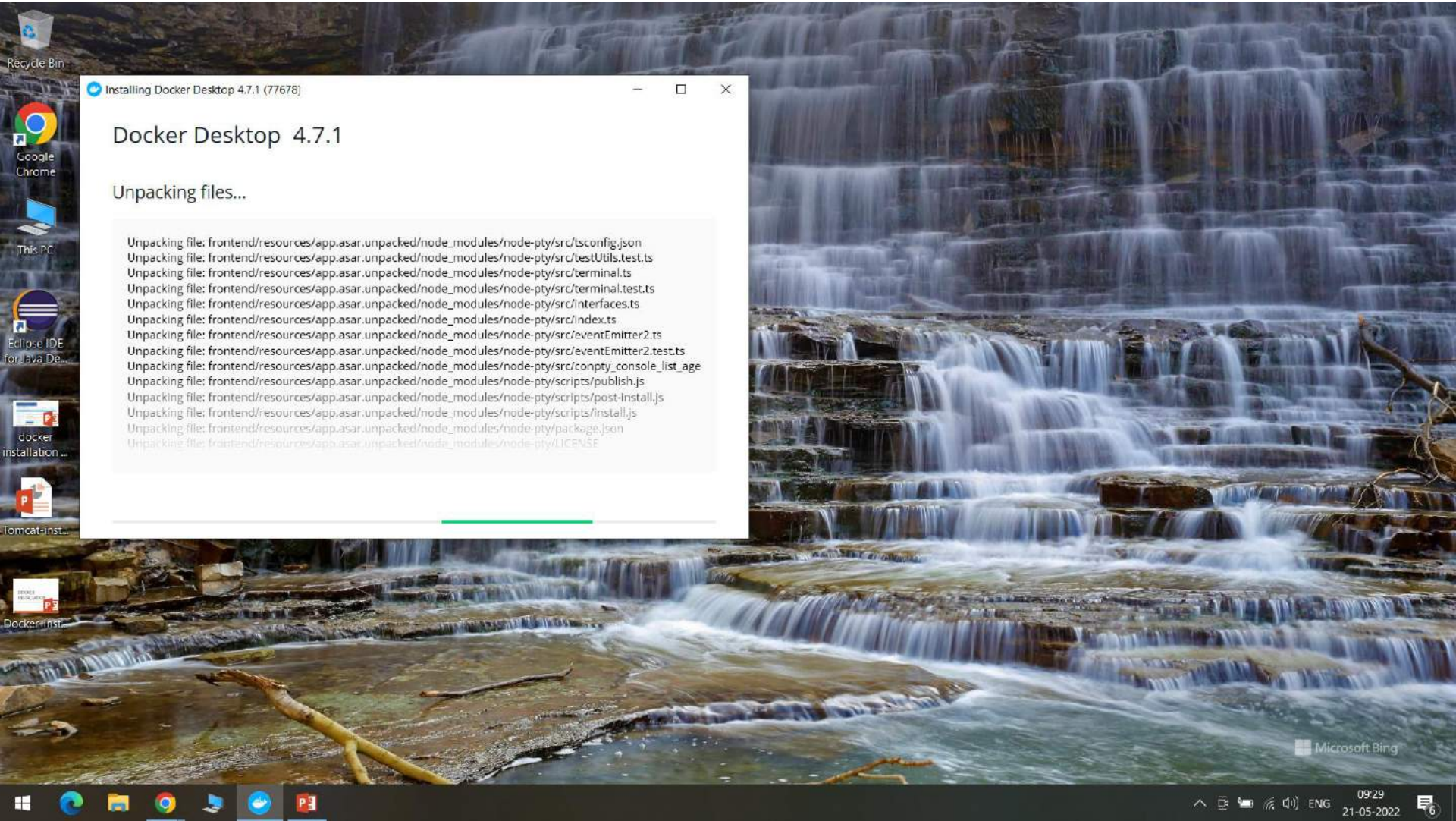




Double click the executable file and click ok as shown, make sure the following check boxes are selected

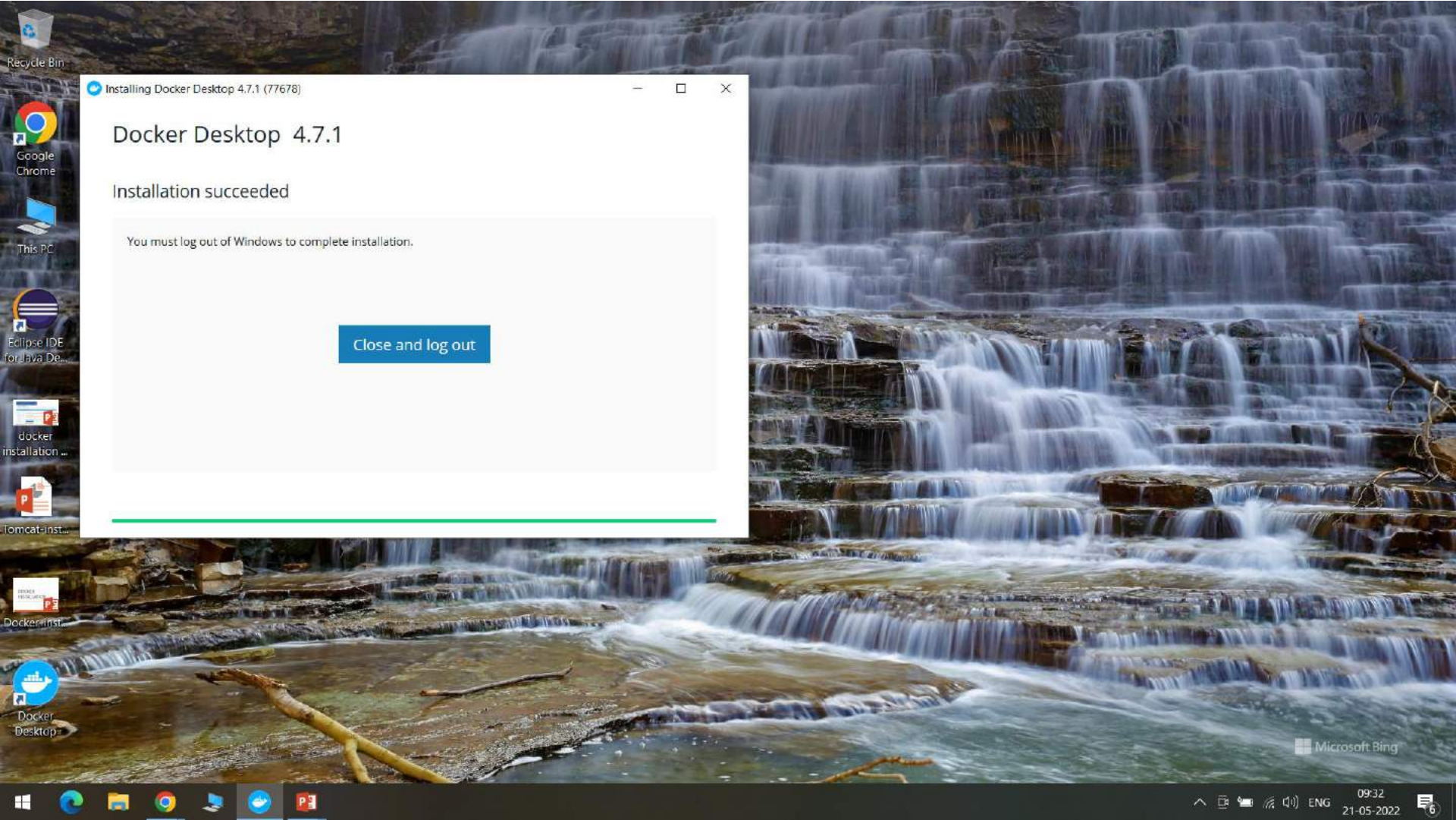


# The download has started



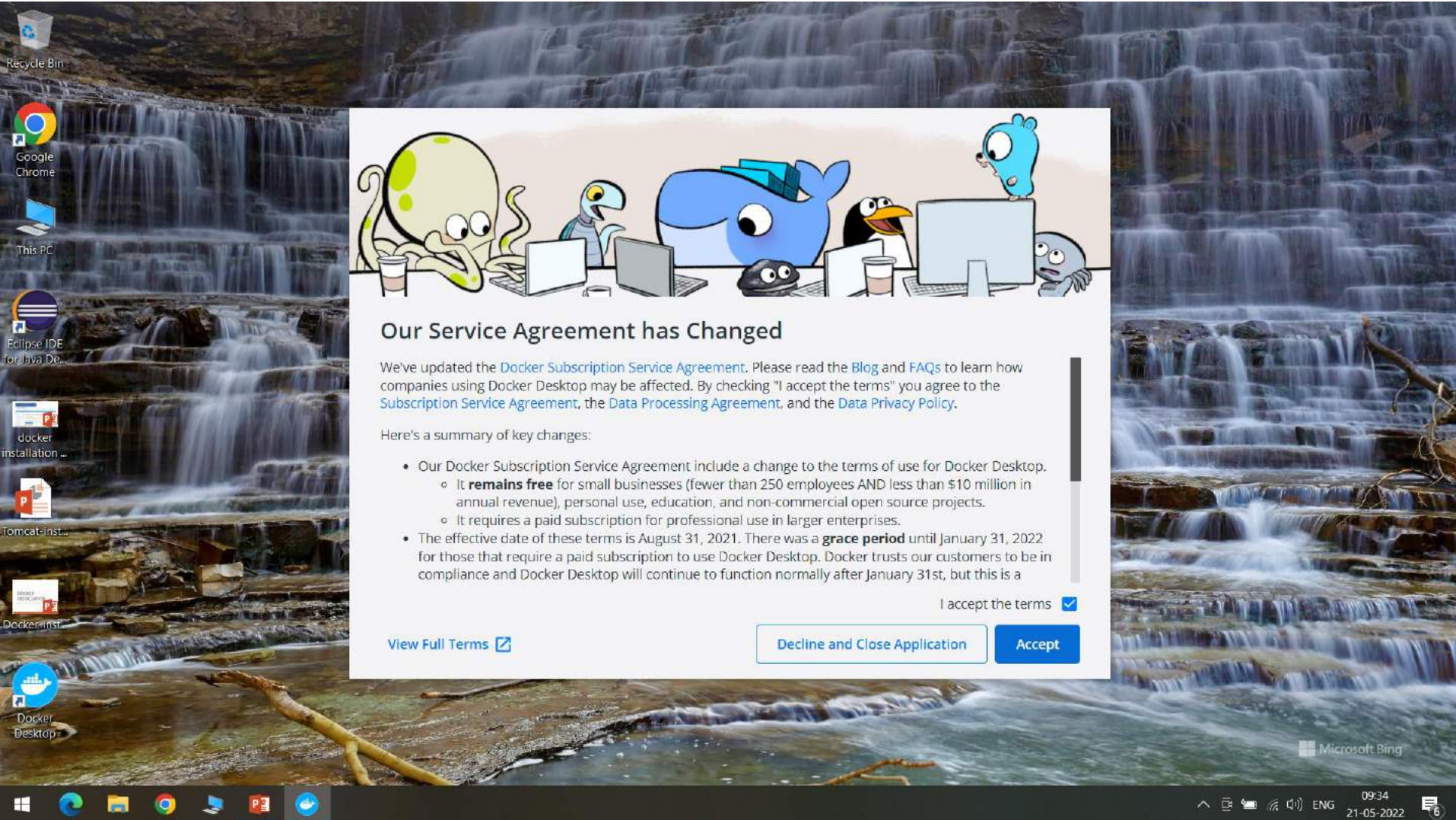


# Click on close and log out





# Accept the licence -> click Accept



**Our Service Agreement has Changed**

We've updated the [Docker Subscription Service Agreement](#). Please read the [Blog](#) and [FAQs](#) to learn how companies using Docker Desktop may be affected. By checking "I accept the terms" you agree to the [Subscription Service Agreement](#), the [Data Processing Agreement](#), and the [Data Privacy Policy](#).

Here's a summary of key changes:

- Our Docker Subscription Service Agreement include a change to the terms of use for Docker Desktop.
  - It **remains free** for small businesses (fewer than 250 employees AND less than \$10 million in annual revenue), personal use, education, and non-commercial open source projects.
  - It requires a paid subscription for professional use in larger enterprises.
- The effective date of these terms is August 31, 2021. There was a **grace period** until January 31, 2022 for those that require a paid subscription to use Docker Desktop. Docker trusts our customers to be in compliance and Docker Desktop will continue to function normally after January 31st, but this is a

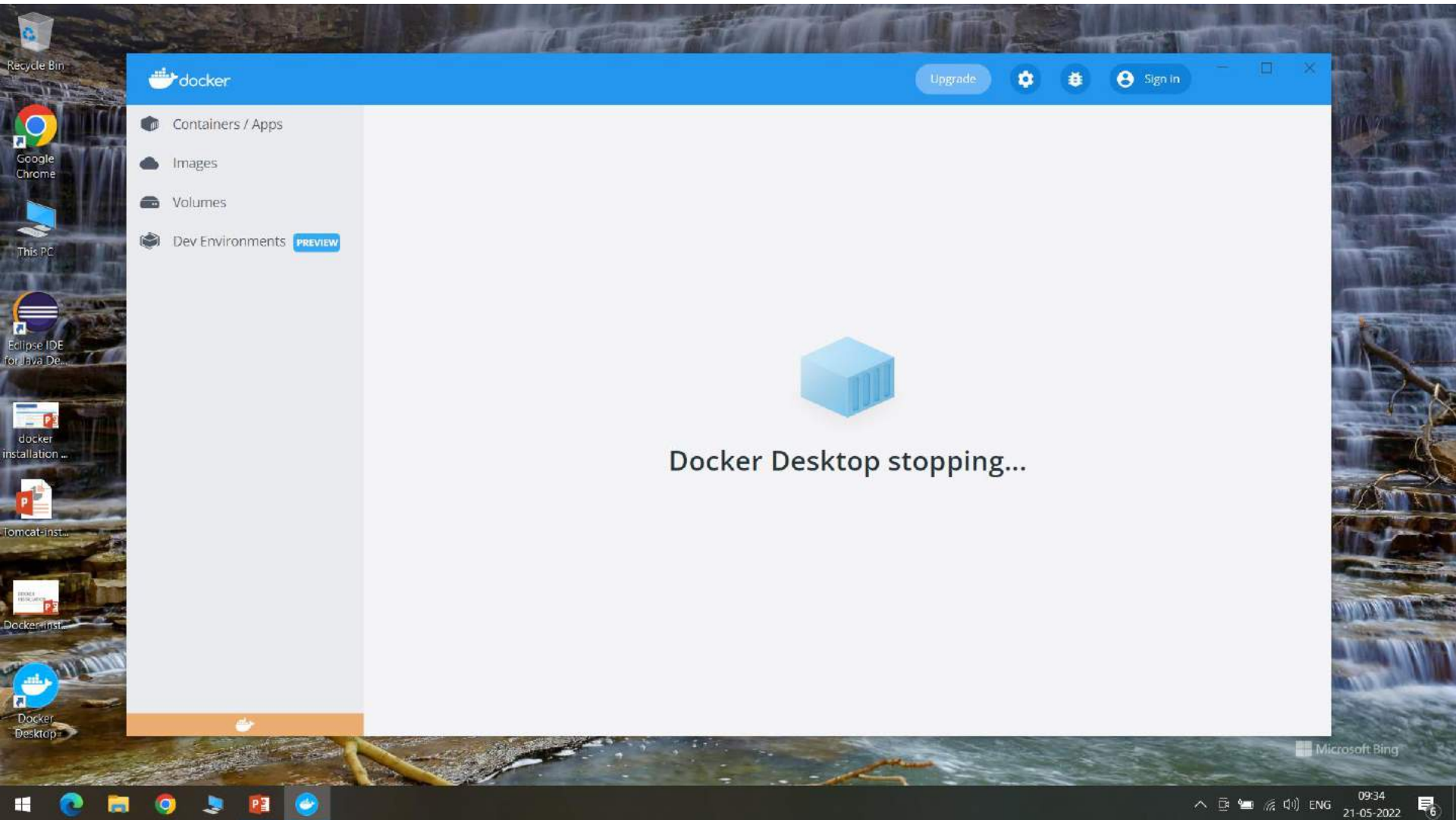
I accept the terms ☒

[View Full Terms](#) [Decline and Close Application](#) [Accept](#)

Microsoft Bing

09:34  
21-05-2022

# The local Docker Hub is created



# Download WSL2 as shown

The screenshot shows a Windows File Explorer window open to the 'Downloads' folder. The left sidebar shows 'Quick access' and 'This PC' sections. The main pane displays a list of files downloaded today and earlier this month. A context menu is open for the file 'wsl\_update\_x64', showing details about the Windows Installer Package. In the bottom right corner, a Docker Desktop notification is displayed, indicating that the WSL 2 installation is incomplete and providing instructions to complete it.

Name	Date modified	Type	Size
Today (3)			
MS-Office-Pro-Plus-2019-x64	21-05-2022 13:23	Disc Image File	20,52,096 ...
Git-2.36.1-64-bit	21-05-2022 11:40	Application	48,475 KB
wsl_update_x64	21-05-2022 09:39	Windows Installer ...	16,704 KB
Earlier this month (1)			
Docker Desktop Install			5,11,323 KB

Item type: Windows Installer Package  
Authors: Microsoft Corporation  
Title: Installation Database  
Subject: Windows Subsystem for Linux Update  
This installer database contains the logic and data required to install Windows Subsystem for Linux Update.  
Date modified: 21-05-2022 09:39  
Size: 16.3 MB

Docker Desktop - Install WSL 2 kernel update

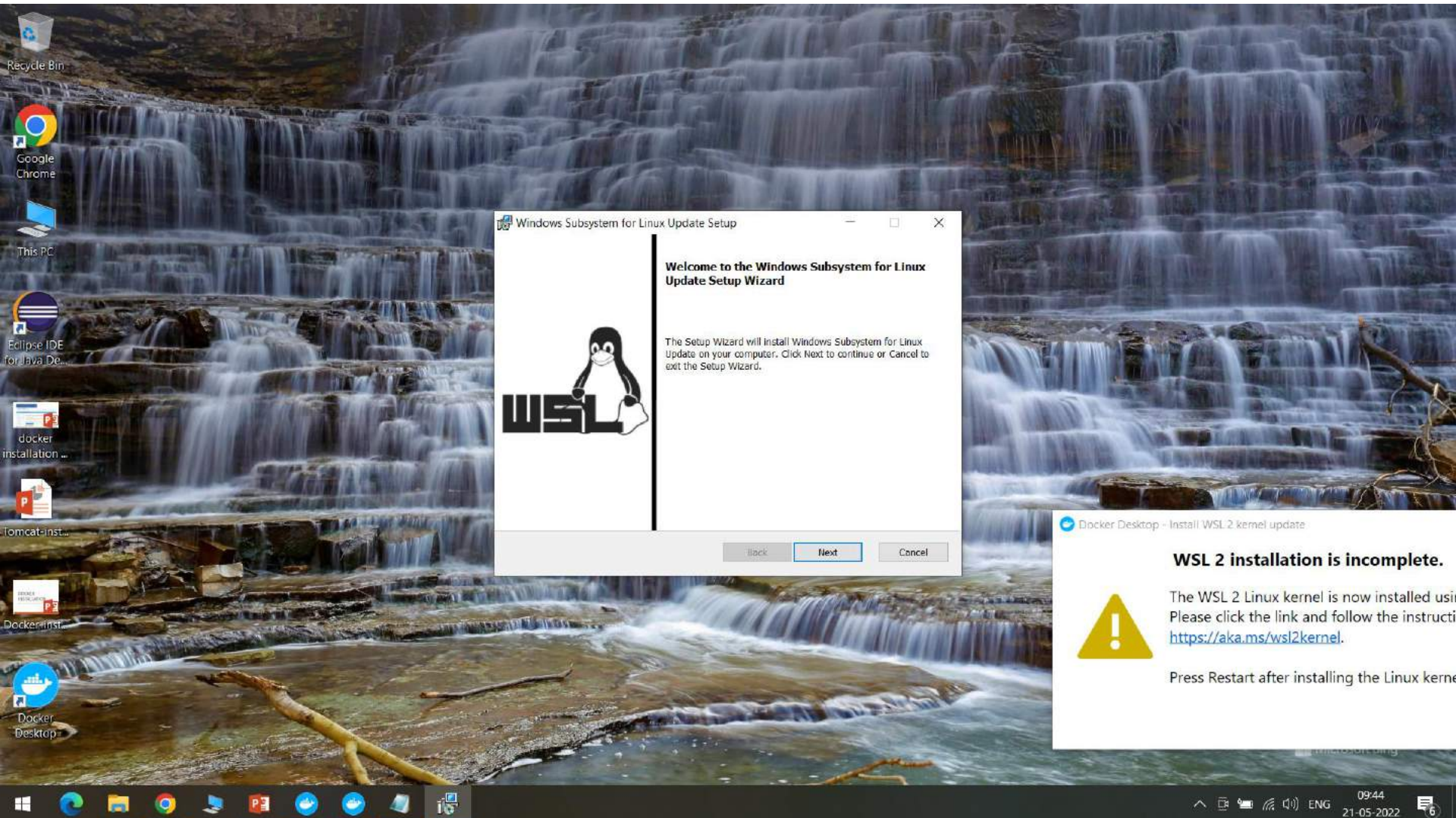
**WSL 2 installation is incomplete.**

The WSL 2 Linux kernel is now installed successfully. Please click the link and follow the instructions to complete the installation.  
<https://aka.ms/wsl2kernel>

Press Restart after installing the Linux kernel.

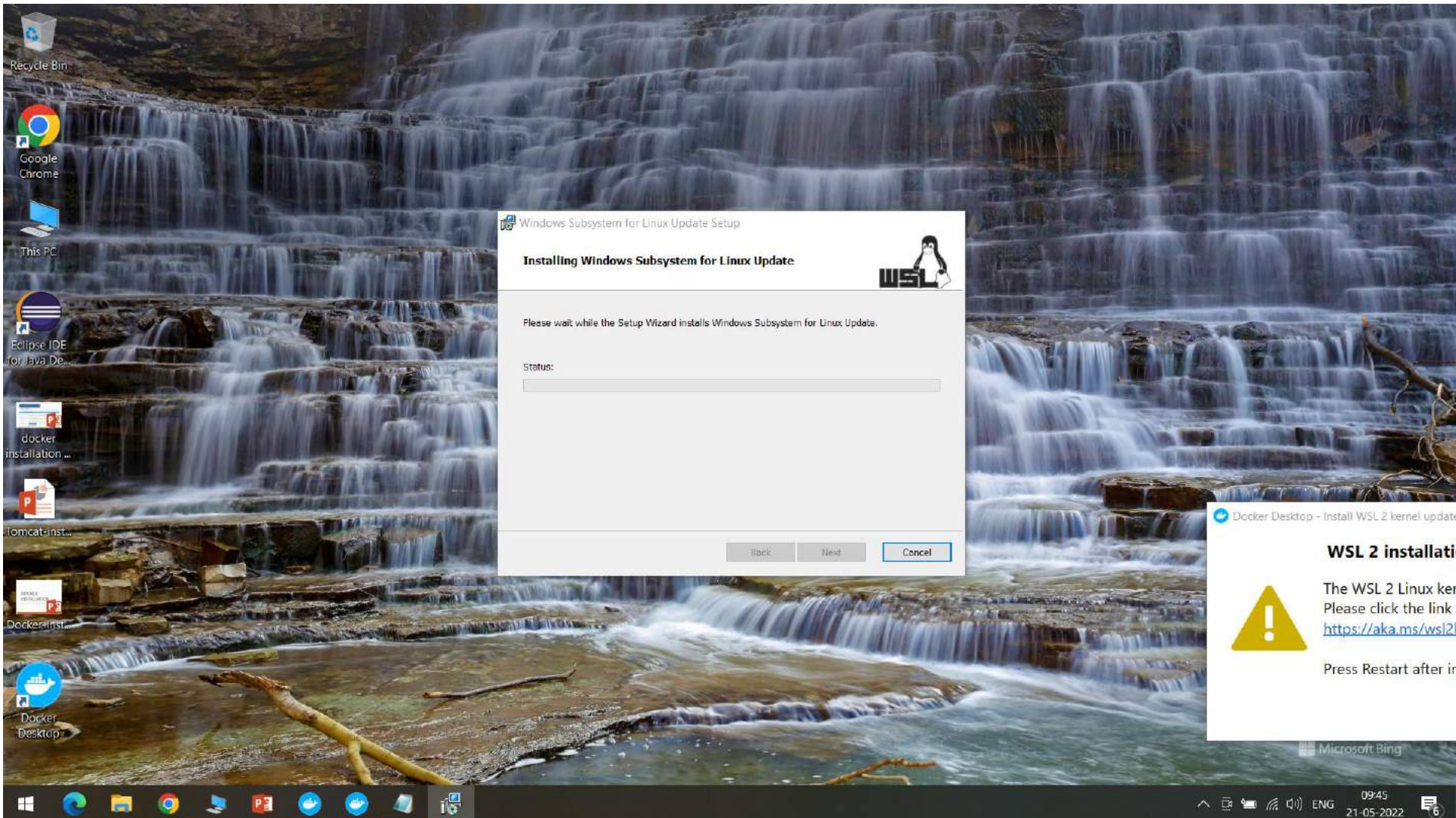


# Double click the executable file and click next as shown



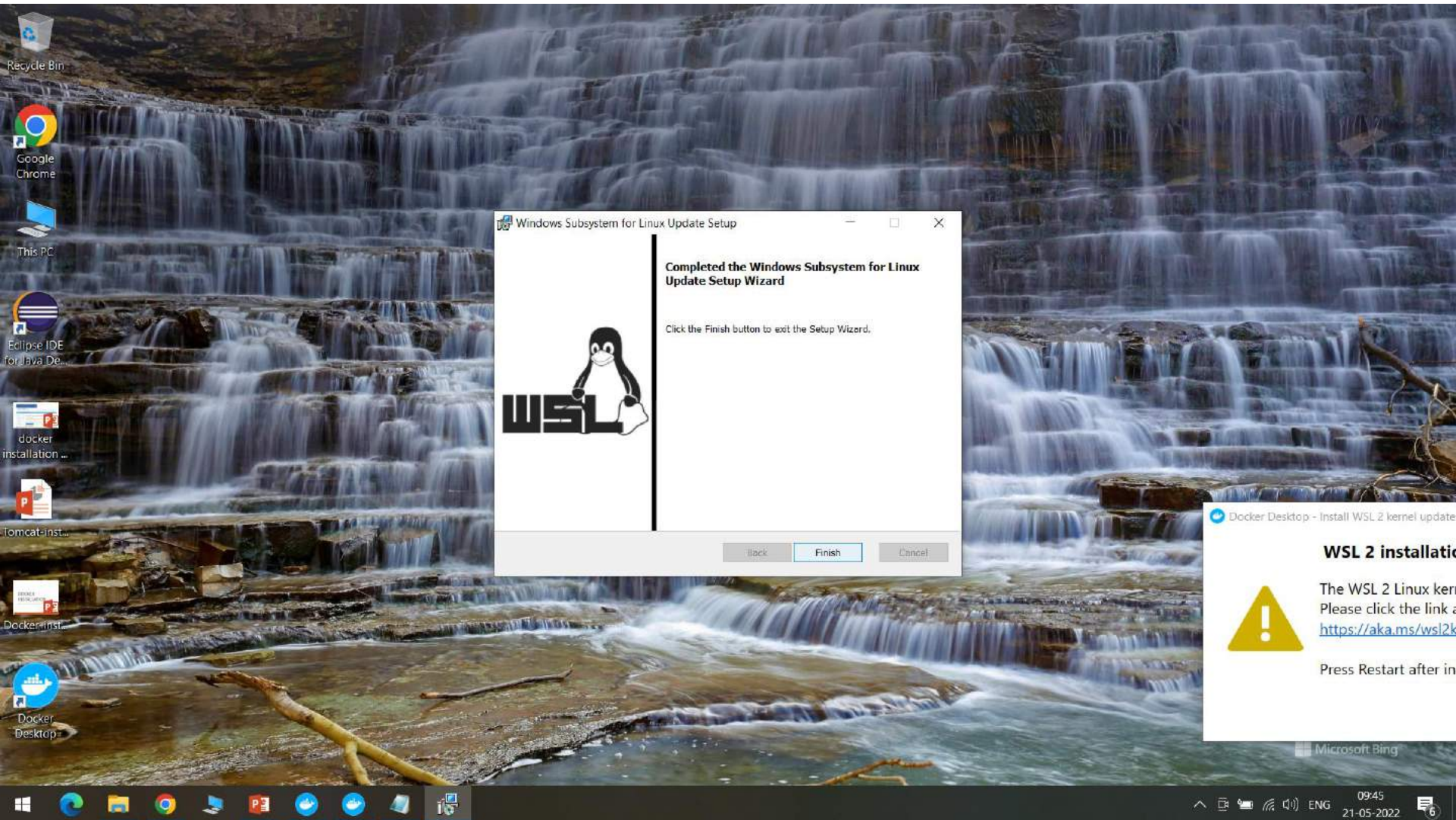


# Installation of WSL2 begins





# Once the installation is completed click on Finish





# Open Windows Powershell as shown from Start

The screenshot displays a Windows 10 desktop environment. In the background, a web browser window is open to a YouTube video titled "Manual installation steps for old...". The video player shows a dark blue background with the Windows logo. Overlaid on the video is the Windows Start menu search interface. The search bar at the top of the Start menu contains the text "powershell". Below the search bar, the results are categorized into "All", "Apps", "Documents", "Web", and "More". Under the "Apps" category, "Windows PowerShell" is listed as the "Best match". To the right of the "Best match" list, a detailed view of the "Windows PowerShell" app is shown, including its icon and a list of actions: "Open", "Run as administrator", "Open file location", "Pin to Start", and "Pin to taskbar". At the bottom of the screen, the Windows taskbar is visible, showing the Start button, several pinned application icons (including Edge, File Explorer, and PowerShell), and the system tray area with the date and time (09:45, 21-05-2022).

Manual installation steps for old... (156) Windows 10 tutorial: install... how to know windows version -... wslstoresstorage.blob.core.win...

youtube.com/watch?v=n-J9438Mv-s

Apps Python Java YouTube Maps News Gmail Trinetra | Log in Conceptual model...

YouTube

Search

All Apps Documents Web More

Best match

Windows PowerShell App

Apps

Windows PowerShell ISE >

Windows PowerShell (x86) >

Windows PowerShell ISE (x86) >

Settings

PowerShell Developer Settings >

Allow local PowerShell scripts to run without signing >

Replace Command Prompt with Windows PowerShell in the Win + X >

Search the web

powershell - See web results >

Windows PowerShell App

Open

Run as administrator

Open file location

Pin to Start

Pin to taskbar

Docker Desktop - Install WSL 2 kernel update

**WSL 2 installation**

The WSL 2 Linux kernel... Please click the link a <https://aka.ms/wsl2k>

Press Restart after in

Show all X

SAVE ... All Windows 10 Microsoft Win

WINDOWS SUBSYSTEM FOR LINUX

WSL 2: Getting

09:45 21-05-2022

# Run as administrator

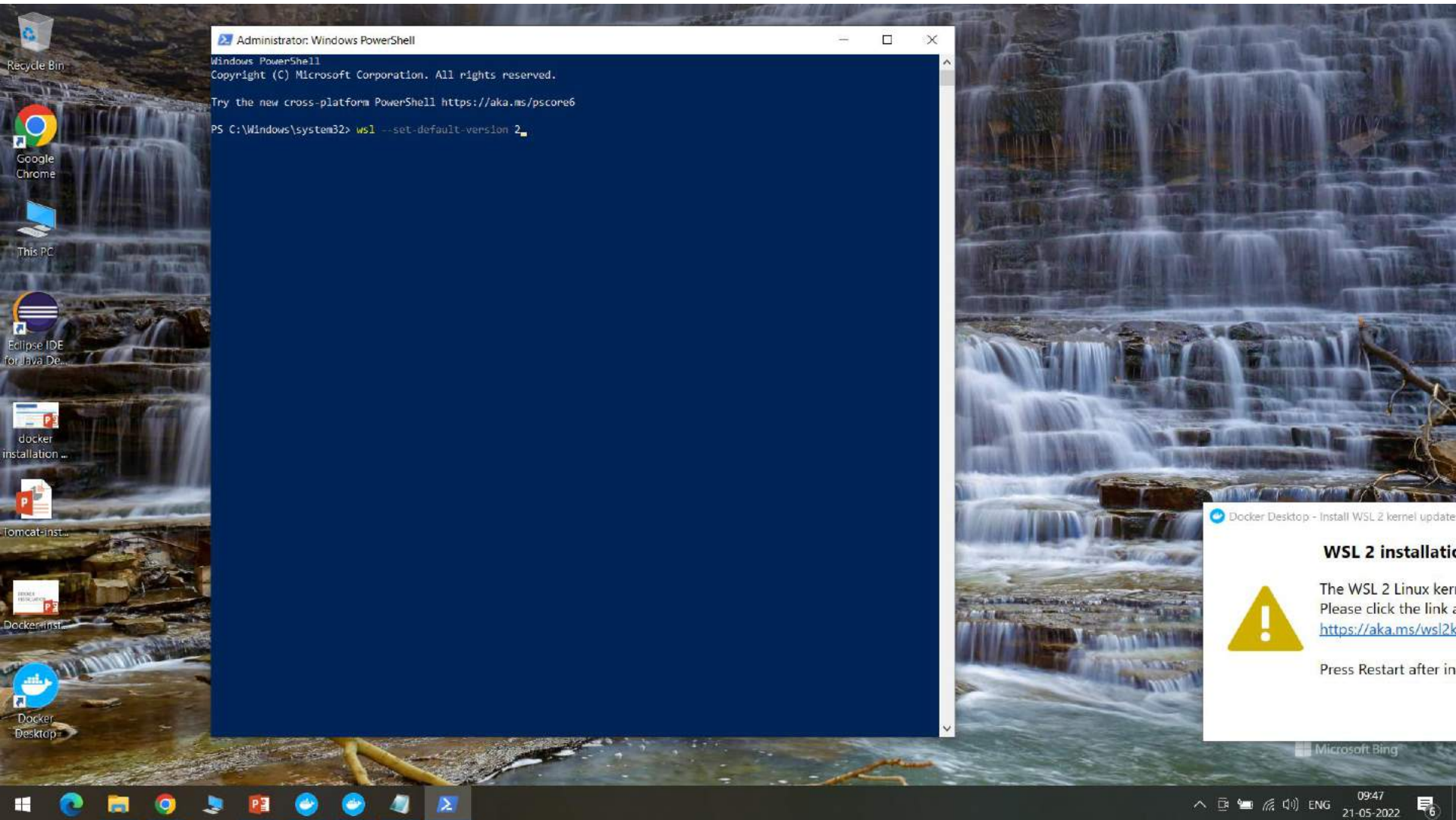
A screenshot of a Windows 10 desktop showing a PowerPoint presentation titled "Docker-installation - PowerPoint" in the background. The PowerPoint interface includes a ribbon with tabs like File, Home, Insert, Design, Transitions, Animations, Slide Show, Review, View, and Help. The main slide area is mostly blank, with a small orange bar at the bottom.

In the foreground, the Windows Start menu search results for "powershe" are displayed. The search results are categorized into "All", "Apps", "Documents", "Web", and "More". Under the "Apps" category, "Windows PowerShell" is listed as the "Best match". A context menu is open over the "Windows PowerShell" app, showing options: "Run as administrator", "Open file location", "Pin to Start", and "Pin to taskbar". The "Run as administrator" option is highlighted.

In the bottom right corner, a Docker Desktop notification is visible, titled "Docker Desktop - Install WSL 2 kernel update". It features a yellow warning triangle icon and text that reads: "WSL 2 installation", "The WSL 2 Linux kernel is available. Please click the link at [https://aka.ms/wsl2kernel](\"https://aka.ms/wsl2kernel\") to download and install the update. Press Restart after installation.", and "Press Restart after installation".

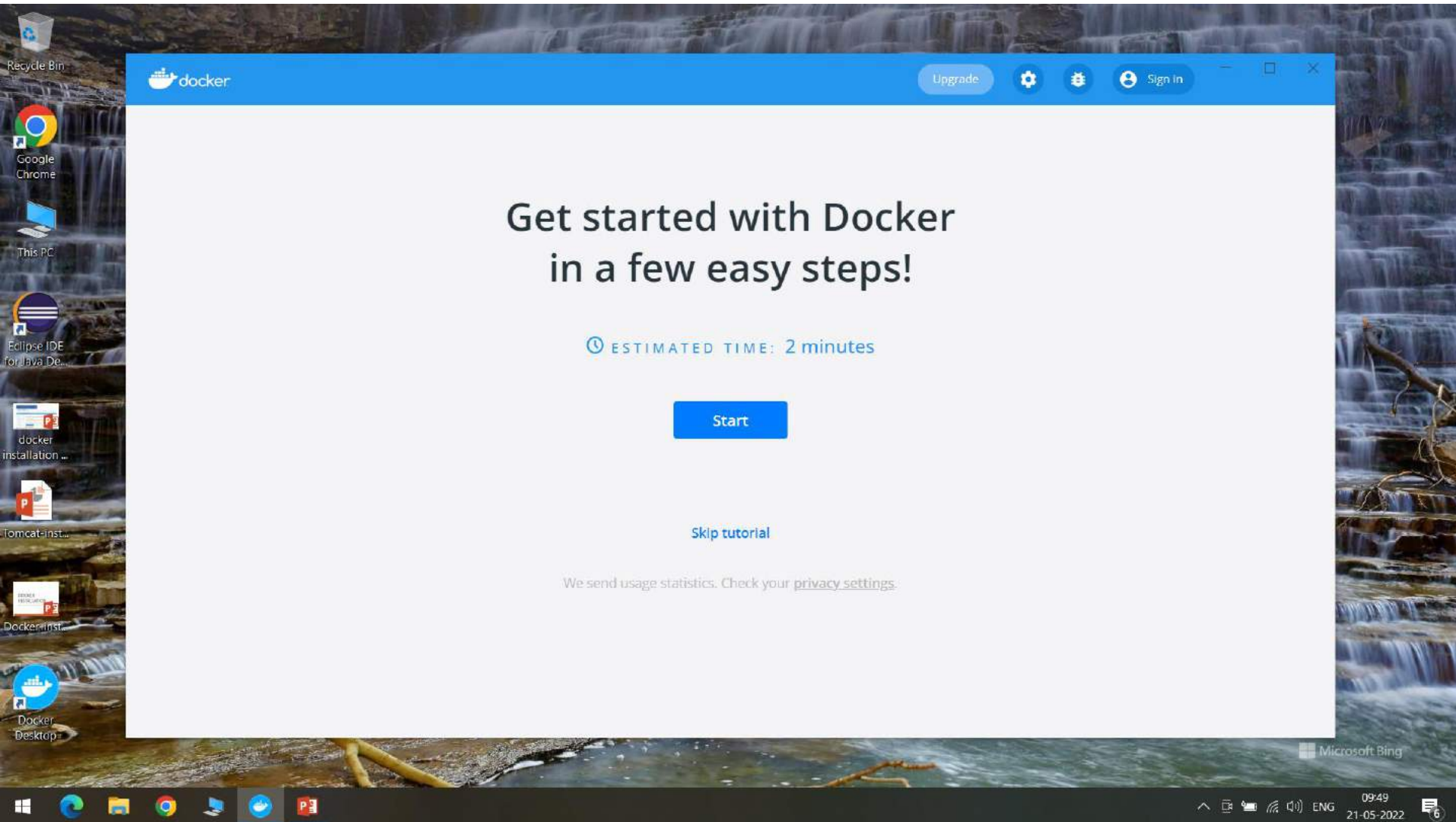
The Windows taskbar at the bottom shows the Start button, several pinned apps (Edge, File Explorer, Chrome, PowerPoint, etc.), and the system tray with the date and time (09:46, 21-05-2022).

# Type the following command, to set WSL as default version





# Now we can start the Docker



The screenshot shows the Docker Desktop application window. The title bar is blue with the Docker logo and navigation icons (Upgrade, Settings, Docker Hub, Sign In). The main content area has a light blue background with the text "Get started with Docker in a few easy steps!". Below this, it says "ESTIMATED TIME: 2 minutes" with a clock icon. A large blue "Start" button is centered. Below the button, there is a link "Skip tutorial". At the bottom, a small text says "We send usage statistics. Check your [privacy settings](#)." The desktop background is a waterfall image. The taskbar at the bottom shows the Windows Start button, several application icons (Edge, File Explorer, Chrome, Docker Desktop, PowerPoint), and the system tray with the date and time (09:49, 21-05-2022).

Recycle Bin

Google Chrome

This PC

Eclipse IDE for Java De...

docker installation ...

Tomcat-inst...

Docker-inst...

Docker Desktop

docker

Get started with Docker

in a few easy steps!

⌚ ESTIMATED TIME: 2 minutes

Start

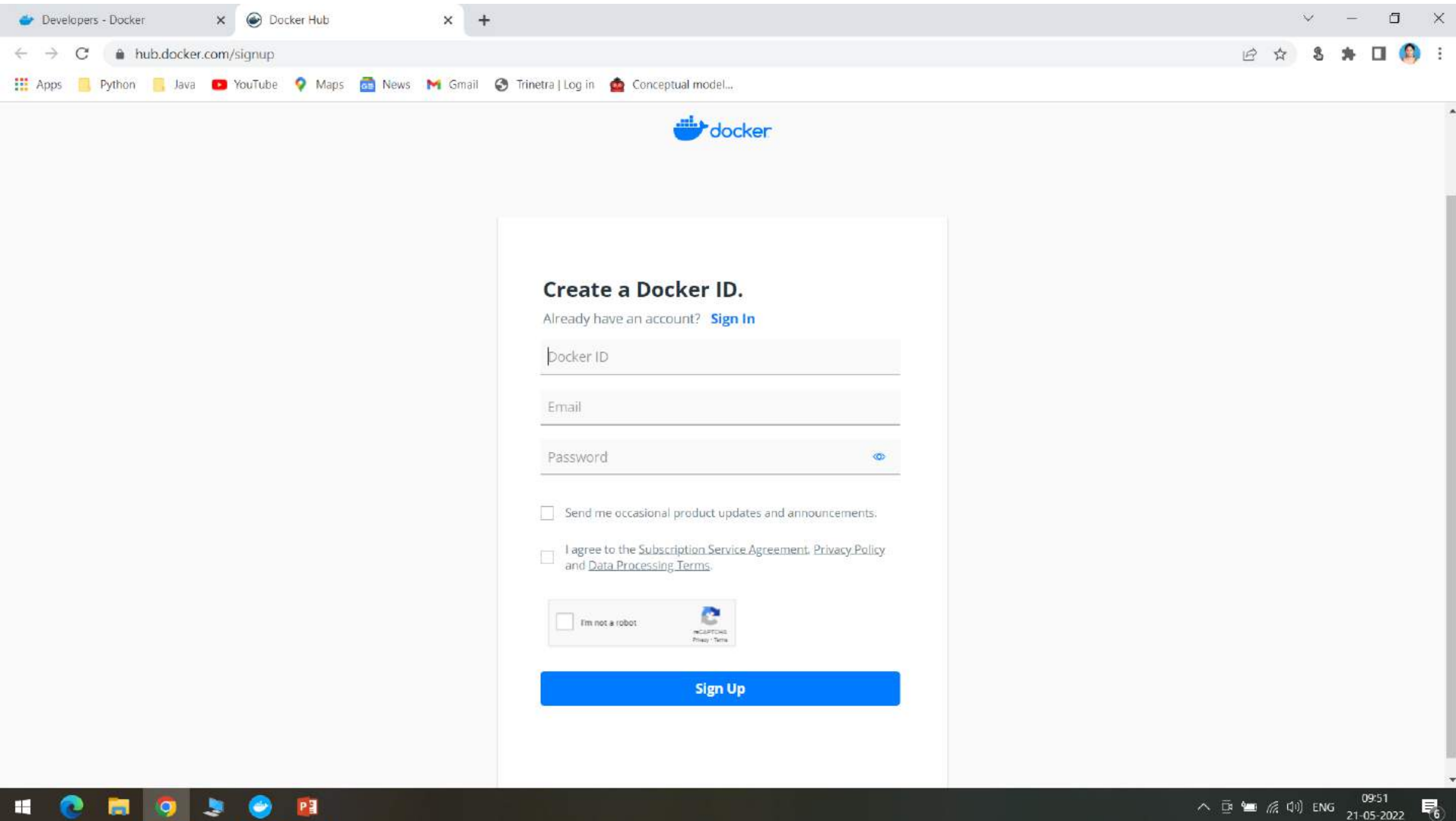
[Skip tutorial](#)

We send usage statistics. Check your [privacy settings](#).

Microsoft Bing

09:49  
21-05-2022

# Click on hub.docker.com and signup as shown




The screenshot shows a web browser window with the URL `hub.docker.com/signup`. The page features the Docker logo at the top. The main content area is a white box with the heading "Create a Docker ID." and a link "Sign In" for existing users. Below this are three input fields: "Docker ID", "Email", and "Password" (with a toggle for visibility). There are two checkboxes: "Send me occasional product updates and announcements." and "I agree to the Subscription Service Agreement, Privacy Policy and Data Processing Terms." Below these is a reCAPTCHA widget with the text "I'm not a robot." and a "Sign Up" button at the bottom.

Developers - Docker x Docker Hub x +

hub.docker.com/signup

Apps Python Java YouTube Maps News Gmail Trinetra | Log in Conceptual model...


 docker

### Create a Docker ID.

Already have an account? [Sign In](#)


Docker ID

Email

Password 

☐ Send me occasional product updates and announcements.

☐ I agree to the [Subscription Service Agreement](#), [Privacy Policy](#) and [Data Processing Terms](#).

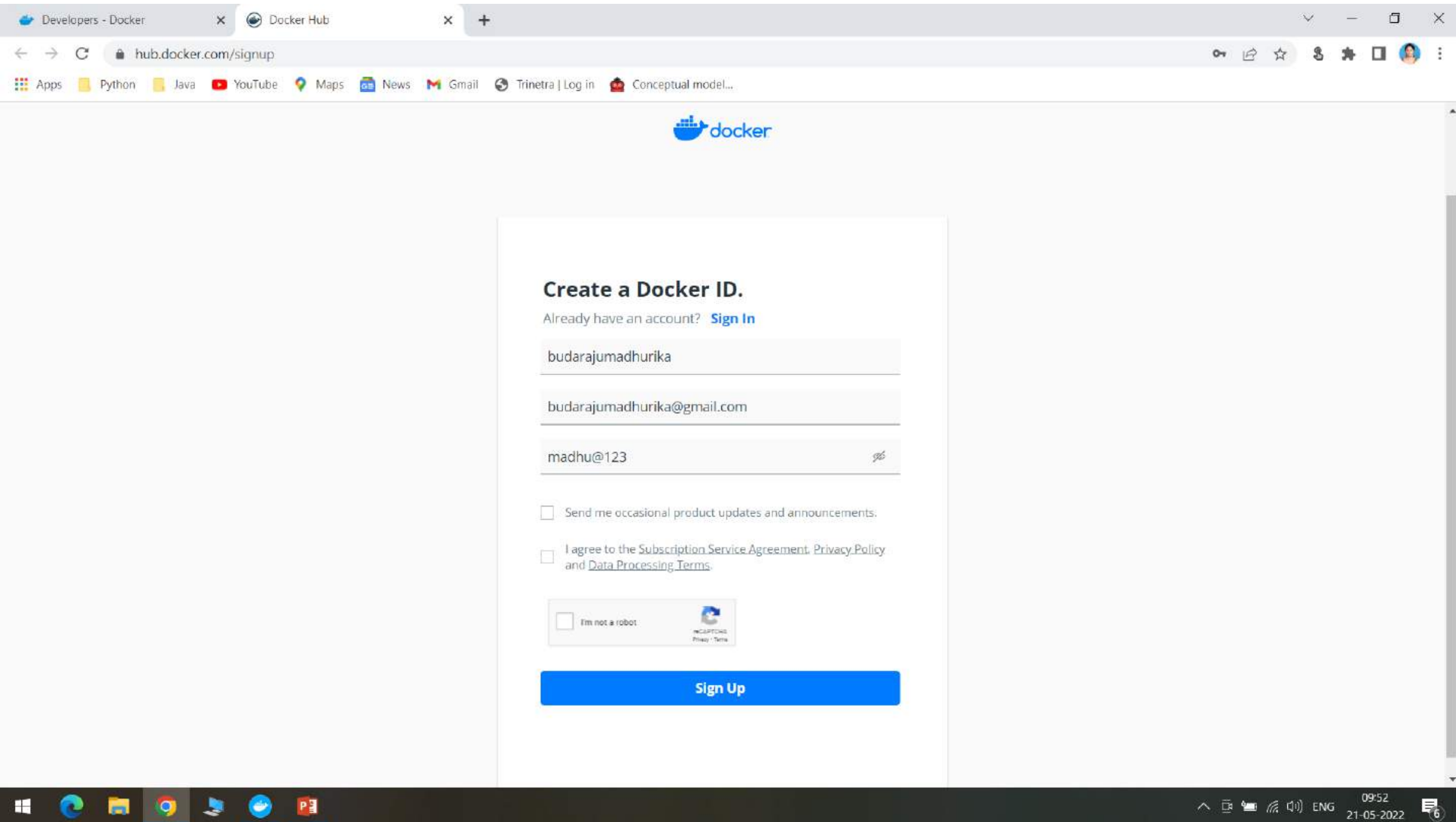
☐ I'm not a robot. 

[Sign Up](#)

09:51 21-05-2022 ENG



# Fill the required details




The screenshot shows a web browser window with the Docker Hub signup page. The browser's address bar shows 'hub.docker.com/signup'. The page has a white background with the Docker logo at the top. The main content area is a white box with a light gray border. It contains the title 'Create a Docker ID.', a link for existing users, three input fields for username, email, and password, two checkboxes for product updates and terms agreement, a CAPTCHA, and a blue 'Sign Up' button.

Developers - Docker x Docker Hub x +

hub.docker.com/signup

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 docker

**Create a Docker ID.**

Already have an account? [Sign In](#)


budarajumadhurika

budarajumadhurika@gmail.com

madhu@123 

☐ Send me occasional product updates and announcements.

☐ I agree to the [Subscription Service Agreement](#), [Privacy Policy](#) and [Data Processing Terms](#).

☐ I'm not a robot 

**Sign Up**


Windows taskbar: 09:52 21-05-2022


# Sign In into Docker Hub

Developers - Docker x https://login.docker.com/u/login x +

login.docker.com/u/login/password?state=hKFo2SBhSXdWWDZmWWVLNFFxeFBTUTIsV1BXOHRkY1o4TWRLS6Fur3VuaXZlcnNhbC1sb2dpbqN0aWTZlF9DdXZEQXp6TuluSHR4aGNFV2p0...


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 [Sign Up](#)



Enter Your Password

[Edit](#)

Password  

[Forgot password?](#)

[Continue](#)

Windows taskbar: 09:52 21-05-2022



Click on personal-> continue with free

Developers - Docker x Choose plan | Docker Hub x +

hub.docker.com/choose-plan?ref=signup

## Choose a Plan

Select a plan to get started with Docker

Personal	Pro	Team	Business
<b>Personal</b> 1	<b>Pro</b> 1	<b>Team</b> 5+	<b>Business</b> 5+
Includes the Docker essentials and is ideal for individual developers, education, open source communities, and small businesses.	Extends the Docker capabilities and includes pro tools for individual developers who want to accelerate their productivity.	Ideal for teams and includes capabilities for enhanced collaboration, productivity and security.	Ideal for medium and large businesses who need centralized management and advanced security capabilities.
<b>\$0</b>	<b>\$5</b> /month	<b>\$7</b> /user/month minimum 5 seats	<b>\$21</b> /user/month only available with an annual subscription
<ul style="list-style-type: none"><li>• Docker Desktop</li><li>• Unlimited public repositories</li><li>• Docker Engine + Kubernetes</li><li>• Limited image pulls per day</li><li>• Unlimited scoped tokens</li></ul>	<p>← Everything in Personal, plus:</p> <ul style="list-style-type: none"><li>• Docker Desktop</li><li>• Unlimited private repositories</li><li>• 5,000 image pulls per day</li><li>• 5 concurrent builds</li><li>• 300 Hub vulnerability scans</li></ul>	<p>← Everything in Pro, plus:</p> <ul style="list-style-type: none"><li>• Docker Desktop</li><li>• Unlimited teams</li><li>• 15 concurrent builds</li><li>• Unlimited image scans</li><li>• Role-based access control</li><li>• Audit log</li></ul>	<p>← Everything in Team, plus:</p> <ul style="list-style-type: none"><li>• Docker Desktop</li><li>• Centralized management</li><li>• Image Access Management</li><li>• Single Sign-On (SSO)</li><li>• Purchase via invoice</li></ul>
<a href="#">Continue with Free</a>	<a href="#">Buy Now</a> Billed annually for \$60.	<a href="#">Buy Now</a> Billed annually starting at \$300.	<a href="#">Buy Now</a>

Windows taskbar: 09:53 21-05-2022

# Go to gmail and verify your account

Developers - Docker x Docker Hub x +


hub.docker.com/verify-email

Apps Python Java YouTube Maps News Gmail Trinetra | Log in Conceptual model...

Please check your inbox to verify the email associated with this account. You won't be able to create a repository or configure your Docker Hub without verifying your email address.

Missed DockerCon 2022? [Watch now](#) on-demand.

dockerhub Search for great content (e.g., mysql) Explore Repositories Organizations Help Upgrade budarajumadhuri...



## Please verify your email address

Great! You're almost there. Before you can create a repository or configure Docker Hub, you'll need to verify your email address.

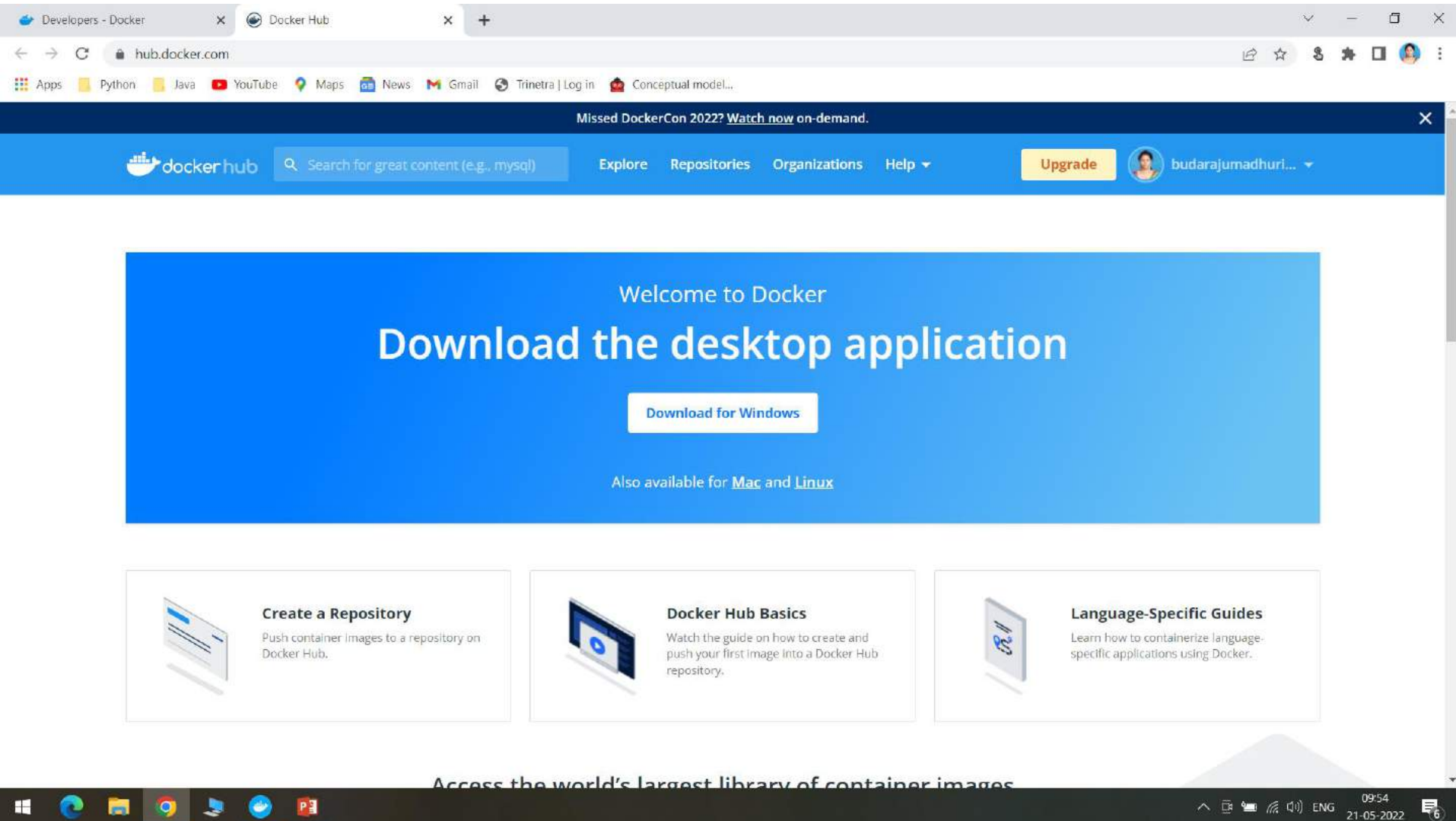
We've sent a verification email to **budarajumadhurika@gmail.com**.

If you didn't receive the email, try [resending it](#) or check your [email settings](#).

Windows Taskbar: 09:53 21-05-2022



# We have successfully logged in into the DockerHub



The screenshot shows a web browser window with the Docker Hub website. The browser's address bar displays 'hub.docker.com'. The page features a blue header with the Docker Hub logo, a search bar, and navigation links: 'Explore', 'Repositories', 'Organizations', and 'Help'. A yellow 'Upgrade' button and a user profile icon labeled 'budarajumadhuri...' are also present. The main content area has a large blue banner with the text 'Welcome to Docker' and 'Download the desktop application', accompanied by a 'Download for Windows' button. Below this, it states 'Also available for [Mac](#) and [Linux](#)'. Three cards are displayed: 'Create a Repository' (with a subtext 'Push container images to a repository on Docker Hub.'), 'Docker Hub Basics' (with a subtext 'Watch the guide on how to create and push your first image into a Docker Hub repository.'), and 'Language-Specific Guides' (with a subtext 'Learn how to containerize language-specific applications using Docker.'). The footer of the page reads 'Access the world's largest library of container images'. The Windows taskbar at the bottom shows the time as 09:54 on 21-05-2022.

Developers - Docker x Docker Hub x +

hub.docker.com

Apps Python Java YouTube Maps News Gmail Trinetra | Log in Conceptual model...

Missed DockerCon 2022? [Watch now](#) on-demand.

docker hub Search for great content (e.g., mysql) Explore Repositories Organizations Help Upgrade budarajumadhuri...

Welcome to Docker

## Download the desktop application

Download for Windows

Also available for [Mac](#) and [Linux](#)

**Create a Repository**  
Push container images to a repository on Docker Hub.

**Docker Hub Basics**  
Watch the guide on how to create and push your first image into a Docker Hub repository.

**Language-Specific Guides**  
Learn how to containerize language-specific applications using Docker.

Access the world's largest library of container images

09:54 21-05-2022

# As of now, there are no containers and Images in Docker Hub

docker installation & working - PowerPoint

Sign in


File Home Insert Design Transitions Animations Slide Show Review View Help Tell me what you want to do

Clipboard

Containers / Apps

- Images
- Volumes
- Dev Environments **PREVIEW**

Containers / Apps [Feedback](#)



## No containers running

Try running a container: Copy and paste this command into your terminal and then come back

```
docker run -d -p 80:80 docker/getting-started
```

[Explore more in the Docker Docs](#)

Click to add notes

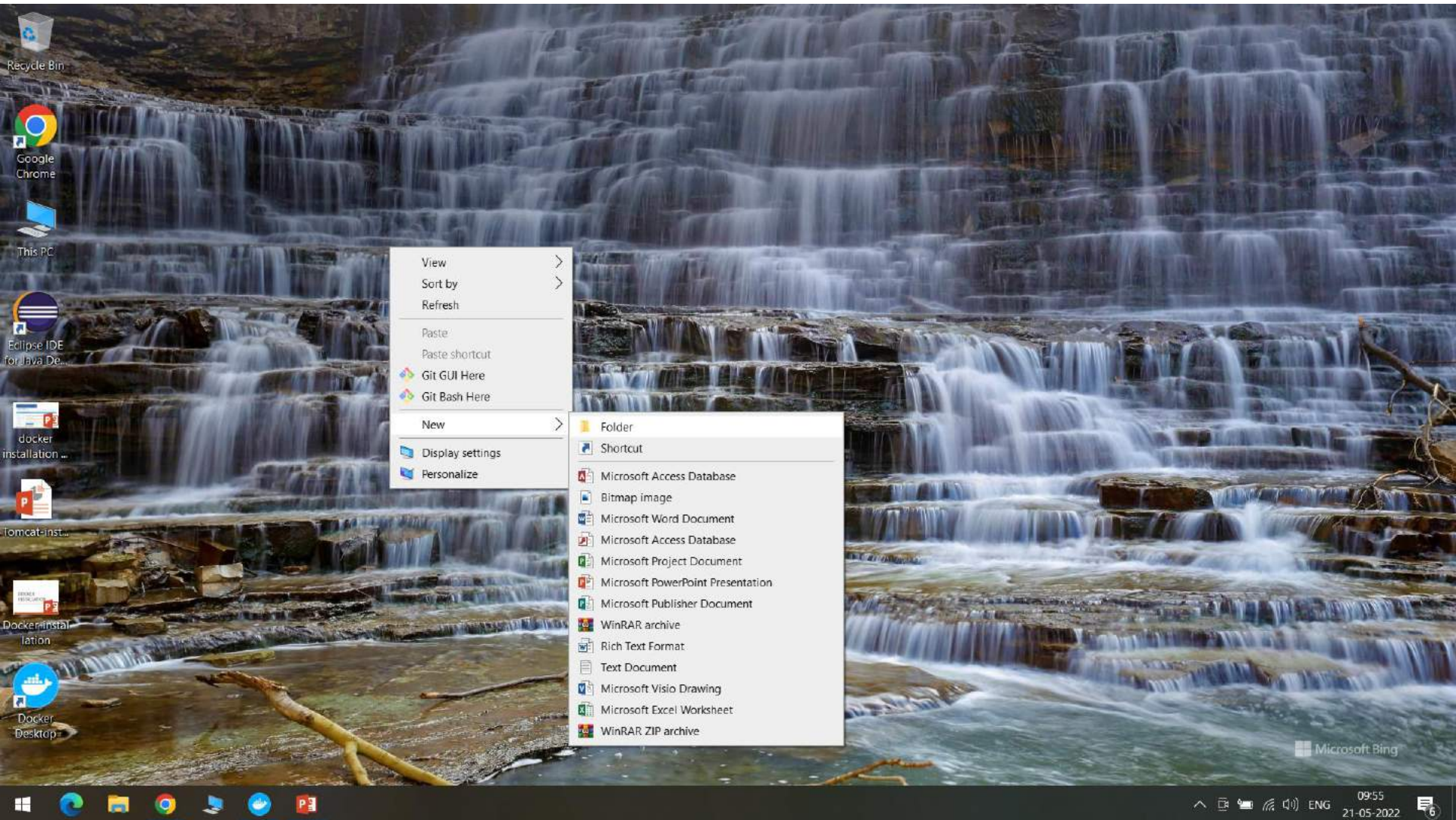
Slide 19 of 34 English (India)

Notes Comments

09:54 21-05-2022



# Create a folder on desktop





# Docker

