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**Getting Started with GitHub Codespaces**

Step 1: Set Up Your GitHub Account

1. Navigate to GitHub and sign up for a free account if you do not already have one.
2. Verify your email address by following the instructions sent to your inbox.

Step 2: Create a New Repository

1. Click the "+" icon in the top-right corner of GitHub and select "New repository".
2. Name your repository (e.g., "streamlit-hello-world").
3. Choose the visibility of your repository (Public or Private).
4. Click "Create repository".

Step 3: Set Up Codespaces

1. In your newly created repository, click the green "Code" button.
2. Select the "Codespaces" tab.
3. Click "Create codespace on main". This will launch a cloud-based development environment.

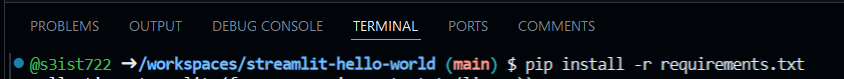
Step 4: Configure the Development Environment

1. Once your codespace loads, you will see an interface similar to Visual Studio Code in your browser.
2. Create a new file named requirements.txt.
3. Add the following line to the requirements.txt file to specify the Streamlit dependency:

A screenshot of a computer

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1. Save the file.
2. Open a new terminal by navigating to Terminal > New Terminal.
3. Run the following command to install the required packages:



Step 5: Create a Streamlit "Hello World" Application

1. Create a new file named app.py.
2. Add the following code to app.py:

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1. Save the file.

Step 6: Run the Streamlit Application

1. In the terminal, execute the following command to run your Streamlit application:



1. Codespaces will prompt you to make the port public. Click "Make Public".
2. Click the "Open in Browser" button that appears to view your application.

Step 7: View and Interact with Your Application

You should now see your Streamlit application running in a new browser tab, displaying "Hello, World!".

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