

To set up and configure Git on your local machine, you can follow these steps:

Step 1: Install Git

- Download the Git installer from the official Git website.
- Run the installer and follow the step-by-step instructions in the setup wizard.
- Make sure to select the appropriate options during the installation process.

Step 2: Configure Git

- Open a terminal or command prompt.
- Set your **username and email address** by running the following commands:

```
git config --global user.name "Your Name"
```

```
git config --global user.email "your.email@example.com"
```

Replace "Your Name" with your desired username and "your.email@example.com" with your email address.

Step 3: Set up the default branch name (optional)

- By default, **Git creates a branch called "master"** when you initialize a new repository with `git init`.
- If you prefer to use a different name for the initial branch, you can set it using the following command:

```
git config --global init.defaultBranch main
```

This command **sets the default branch name to "main"**. Replace "main" with your preferred branch name if desired.

Step 4: Verify your Git configuration

- To check your Git configuration settings, you can use the following command:

```
git config --list
```

This command will display a list of your Git configuration settings, including your username and email address.

These steps should help you set up and configure Git on your local machine. Remember to replace "Your Name" and "your.email@example.com" with your own information.