

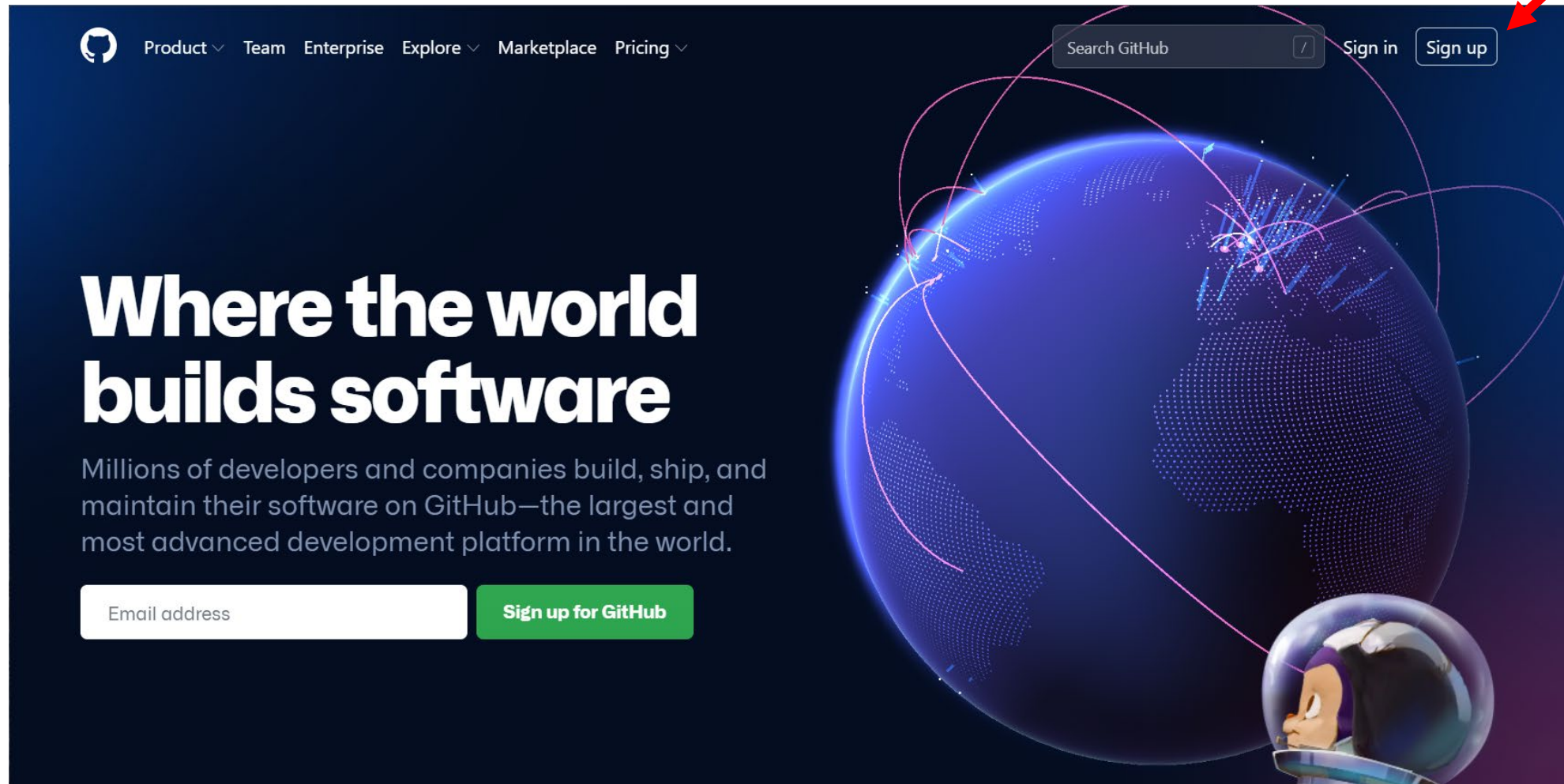


# GitHub Setup

## GitHub Setup

# Sign Up

Go to: [github.com](https://github.com)



# Provide your details ... and verify the email

Welcome to GitHub!  
Let's begin the adventure

Enter your email  
✓ newusermail@gmail.com

Create a password  
✓ .....

Enter a username  
✓ LessonUsername

Would you like to receive product updates and announcements via email?  
Type "y" for yes or "n" for no  
→ n

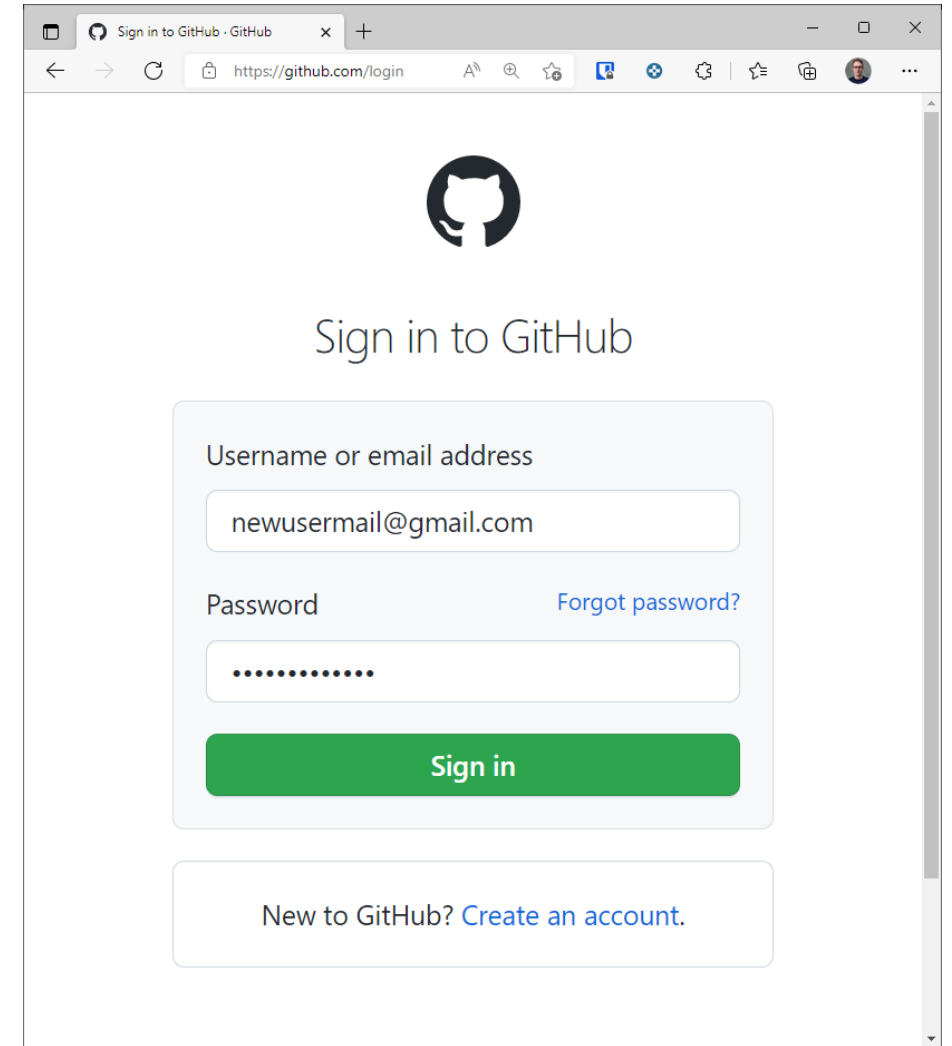
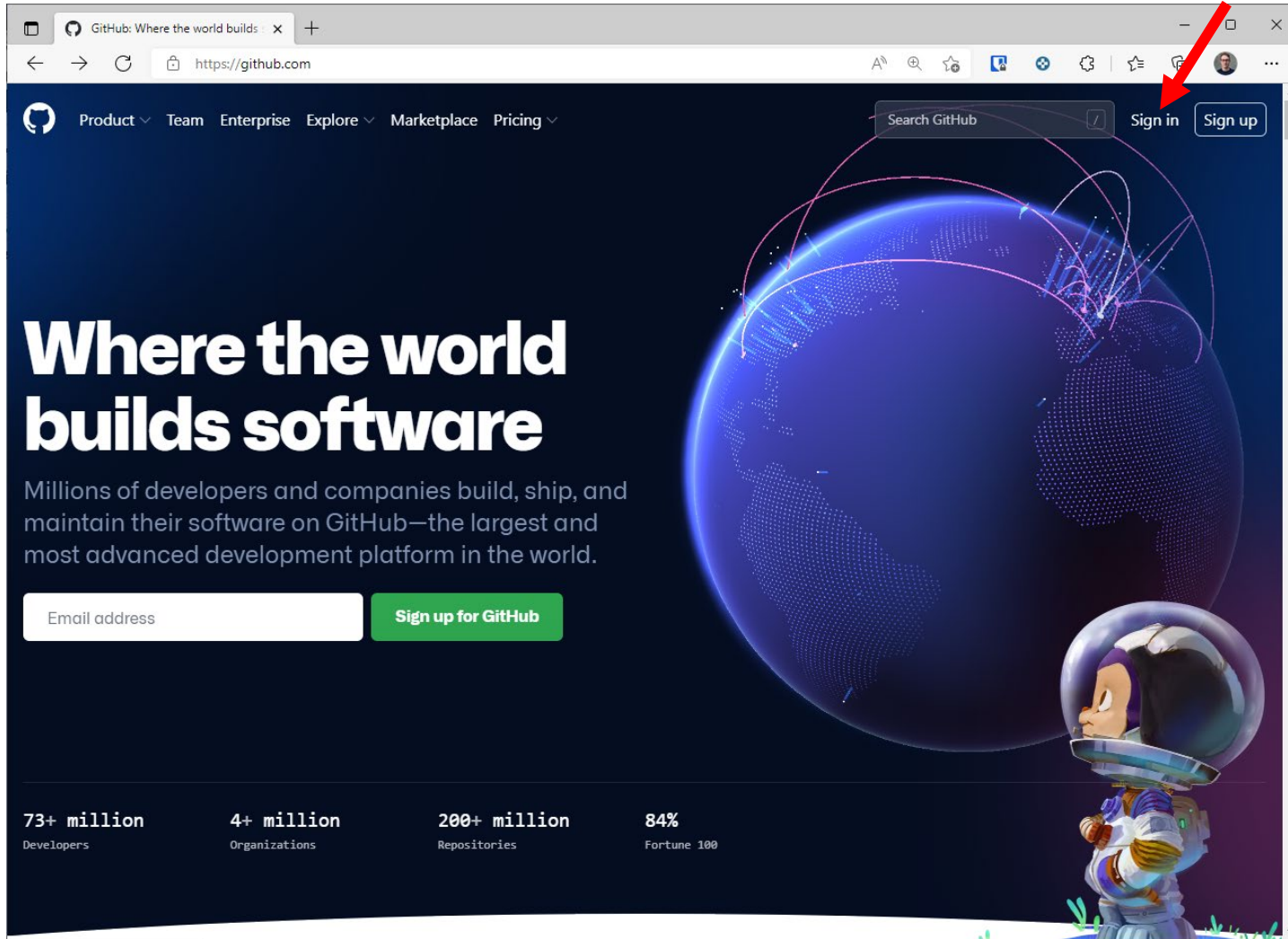
Continue

You're almost done!  
We sent a launch code to newusermail@gmail.com  
→ Enter code

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Check the code they've sent to your email ...

# Log in



# Create a new access token

After the login, go to: <https://github.com/settings/tokens>

The screenshot shows the GitHub 'Personal access tokens' settings page. The page has a dark header with the GitHub logo, a search bar, and navigation links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. Below the header, the breadcrumb 'Settings / Developer settings' is visible. On the left sidebar, there are three options: 'GitHub Apps', 'OAuth Apps', and 'Personal access tokens', with the latter being selected. The main content area is titled 'Personal access tokens' and contains two buttons: 'Generate new token' and 'Revoke all'. A red arrow points to the 'Generate new token' button. Below these buttons, there is a section titled 'Tokens you have generated that can be used to access the GitHub API.' which lists three existing tokens. Each token entry shows a truncated token ID, a list of permissions, the last used time, and a 'Delete' button. A warning icon and text 'This token has no expiration date.' are present for each token. At the bottom of the page, there is a footer with the GitHub logo, copyright information, and various links like 'Terms', 'Privacy', 'Security', 'Status', 'Docs', 'Contact GitHub', 'Pricing', 'API', 'Training', 'Blog', and 'About'.

Settings / Developer settings

GitHub Apps  
OAuth Apps  
Personal access tokens

Personal access tokens

Generate new token Revoke all

Tokens you have generated that can be used to access the [GitHub API](#).

admin:enterprise, admin:gpg_key, admin:org, admin:org_hook, admin:public_key, admin:repo_hook, delete:packages, delete_repo, gist, notifications, repo, user, workflow, write:discussion, write:packages	Last used within the last 3 weeks	Delete
⚠ This token has no expiration date.		
gist, notifications, repo, user, workflow, write:packages	Last used within the last week	Delete
⚠ This token has no expiration date.		
admin:repo_hook, gist, notifications, repo, user, workflow, write:discussion, write:packages	Last used within the last week	Delete
⚠ This token has no expiration date.		

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

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# Create a new access token

Give the right permissions to the token, then click Generate Token

## Select scopes

Scopes define the access for personal tokens. [Read more about OAuth scopes.](#)

<input checked="" type="checkbox"/> <b>repo</b>	Full control of private repositories
<input checked="" type="checkbox"/> repo:status	Access commit status
<input checked="" type="checkbox"/> repo_deployment	Access deployment status
<input checked="" type="checkbox"/> public_repo	Access public repositories
<input checked="" type="checkbox"/> repo:invite	Access repository invitations
<input checked="" type="checkbox"/> security_events	Read and write security events
<input checked="" type="checkbox"/> <b>workflow</b>	Update GitHub Action workflows
<input checked="" type="checkbox"/> <b>write:packages</b>	Upload packages to GitHub Package Registry
<input checked="" type="checkbox"/> read:packages	Download packages from GitHub Package Registry
<input checked="" type="checkbox"/> <b>delete:packages</b>	Delete packages from GitHub Package Registry

# Done !

Done, you've created your personal GitHub access key

Make a copy of it, because we will use it during the hands-on lecture

If you loose you key, you can create a new one with the same procedure ...

[Settings](#) / Developer settings

GitHub Apps

OAuth Apps

Personal access tokens

## Personal access tokens

Generate new token

Revoke all

Tokens you have generated that can be used to access the [GitHub API](#).

Make sure to copy your personal access token now. You won't be able to see it again!

✓ ghp\_F9dqbxNjU06H82uQxMCyT9f0qNjz042TDH9b

Delete



# GitHub Desktop Setup

# Download and installation

Download the desktop client (Windows/MacOS) from <https://desktop.github.com/>

Install the client on your computer

