Instructions : Follow the steps to create an authentication token for GitHub. This token can be used to clone GitHub repositories to your own computer and push your changes back to homework. If you prefer to create an SSH key, you can follow GitHub's instruction here.

To create a Github authentication token, follow the steps below:

1. Go to 'github.com' and click on your image in the top right corner.

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2. Click on 'Settings'

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3. Scroll down and click on 'Developer Settings'

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Archives	You can @mention your company's GitHub organization to link it.						
El Societti las	Location						
<> Developer settings	Display current local time Other users will see the time difference from their local time.						

4. Click on 'Personal Access Tokens' and 'Tokens' (highlighted in blue). Then click 'generate new token' (both the green and then the red circles.

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88	GitHub Apps		Personal access tokens (classic)			Generate new toke	an •		
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	Fine-grained tokens	review	codes — repo, write:packages ⚠ This token has no expiration date.		<	Generate new token For general use	(classic)	>		
			Personal access tokens (classic) function like or or can be used to <u>authenticate to the API over B</u>	rdinary OAuth ac Basic Authenticat	cess tokens. They ca ion.	an be used instead of a pass	sword for Git over HTTF	PS,		
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5. This will allow you to create a new token. Your token will be a generated password that will give you access to Github features. To create a new token, give your token a name (green), select the amount of time your token should remain active (blue), and click the box next to 'write' (red). The 'write' automatically selects all 'repo' options, letting you control code repositories, while also having access to write updates. Make sure to select an expiration date past the end of the semester so that you don't need to redo these steps to complete assignments for the course.

Whet's this token for?	
90 days - The tokyn will a	xpire on Wed, Apr 23 2025
Select scopes	
Scopes define the access for	personal tokens. Read more about OAuth scopes.
🕑 геро	Full control of private repositories
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 repo_deployment public_repo repo:invite security_events workflow write:packages 	Access deployment status Access public repositories Access repository invitations Read and write security events Update GitHub Action workflows Upload packages to GitHub Package Registry

6. Click 'generate to create this token.

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	scim:enterprise	Provisioning of users and groups via SCIM	
	<pre>audit_log read:audit_log</pre>	Full control of audit log Read access of audit log	
	codespace	Full control of codespaces Ability to create, read, update, and delete codespace secrets	
	copilot manage_billing:copilot	Full control of GitHub Copilot settings and seat assignments View and edit Copilot Business seat assignments	
	project read:project	Full control of projects Read access of projects	
	<pre>admin:gpg_key write:gpg_key read:gpg_key</pre>	Full control of public user GPG keys Write public user GPG keys Read public user GPG keys	
	 admin:ssh_signing_key write:ssh_signing_key read:ssh_signing_key 	Full control of public user SSH signing keys Write public user SSH signing keys Read public user SSH signing keys	
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7. You now have a token! It is a password, similar to that shown in the image below. It will not allow you to login to 'github.com'. It will allow to 'pull', 'push', and otherwise manipulate homework repositories.

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Some of th	Some of the scopes you've selected are included in other scopes. Only the minimum set of necessary scopes has been saved.								
88 GitHub Apps			Personal access tokens (classic)	Generate new token -				
2 OAut	h Apps onal access tokens	^	Tokens you have generated that can be used	to access the GitHub API.					
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			✓ ghp_66mfdTBckwr61mkTxHaiphYM	KgrMBG1zXYP3 🗗		Delete			
			coderepo, write;packages		Last used within the last week Delete				
			Personal access tokens (classic) function like or or can be used to <u>authenticate to the API over B</u>	rdinary OAuth access tokens. They ca lasic Authentication.	n be used instead of a password for Git ov	ver HTTPS,			
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