Issue with location of stylesheet :

A screenshot of a computer

Description automatically generated

Issue caused by induction folder which is unnecessary duplicate of a previous version of this code >> prevented stylesheet from loading

A screenshot of a computer

Description automatically generated

<https://www.codecademy.com/article/f1-u3-github-pages>

**Deploying New Changes**

Now that your GitHub Pages site is set up, deploying new changes is easy. Every time you make a change to your site, use the normal GitHub flow. That is, use git commit and git push to send your changes to GitHub. After this, the GitHub site should update within a few seconds. Just refresh the page in your browser, and you’re good to go!

Checking why changes made in stylesheet path aren’t reflecting in published page as per GitHub repo:

A screenshot of a computer

Description automatically generated

Rebuild failed:

A screenshot of a computer

Description automatically generated

All GitBash snippet from personal laptop today: 01/04/2024

berna@DESKTOP-790L6V2 MINGW64 ~

$ pwd

/c/Users/berna

berna@DESKTOP-790L6V2 MINGW64 ~

$ cd OneDrive/Desktop/Apprenticeship/Project\_4

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git status

On branch main

Untracked files:

(use "git add <file>..." to include in what will be committed)

index.html

style.css

nothing added to commit but untracked files present (use "git add" to track)

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git add .

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git commit -m "Initial commit"

[main c07b2a5] Initial commit

2 files changed, 186 insertions(+)

create mode 100644 index.html

create mode 100644 style.css

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git branch -M main

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git remote add origin https://github.com/bkoi/induction.git

error: remote origin already exists.

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git push -u origin main

Enumerating objects: 7, done.

Counting objects: 100% (7/7), done.

Delta compression using up to 8 threads

Compressing objects: 100% (5/5), done.

Writing objects: 100% (7/7), 1.76 KiB | 901.00 KiB/s, done.

Total 7 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/bkoi/induction.git

\* [new branch] main -> main

branch 'main' set up to track 'origin/main'.

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git push -u origin main

Everything up-to-date

branch 'main' set up to track 'origin/main'.

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ ls -al ~/.ssh

total 31

drwxr-xr-x 1 berna 197610 0 Oct 23 14:22 ./

drwxr-xr-x 1 berna 197610 0 Mar 26 15:32 ../

-rw-r--r-- 1 berna 197610 387 Oct 17 12:48 id\_ed25519

-rw-r--r-- 1 berna 197610 83 Oct 17 12:48 id\_ed25519.pub

-rw-r--r-- 1 berna 197610 182 Oct 23 14:22 known\_hosts

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ ssh-keygen -t ed25519 -C "bernadettkoi@gmail.com"

Generating public/private ed25519 key pair.

Enter file in which to save the key (/c/Users/berna/.ssh/id\_ed25519):

/c/Users/berna/.ssh/id\_ed25519 already exists.

Overwrite (y/n)? y

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /c/Users/berna/.ssh/id\_ed25519

Your public key has been saved in /c/Users/berna/.ssh/id\_ed25519.pub

The key fingerprint is:

SHA256:oAzfCoCvCmq2SSxybKHqoe/Iz8r9PtWEXdeVFZ85eWk bernadettkoi@gmail.com

The key's randomart image is:

+--[ED25519 256]--+

| ..B|

|. . . o\*|

|o . . o . . Eo|

| o + o o o . o|

| + + . S |

|.+ o . . . |

|\*++ . . |

|%\*= . |

|XX\*+oo. |

+----[SHA256]-----+

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ ^C

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git clone https://github.com/bkoi/bkoi.github.io

Cloning into 'bkoi.github.io'...

remote: Repository not found.

fatal: repository 'https://github.com/bkoi/bkoi.github.io/' not found

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ gh repo clone bkoi/induction

GraphQL: Could not resolve to a Repository with the name 'bkoi/induction'. (repository)

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git clone git@github.com:bkoi/induction.git

Cloning into 'induction'...

The authenticity of host 'github.com (140.82.121.3)' can't be established.

ED25519 key fingerprint is SHA256:+DiY3wvvV6TuJJhbpZisF/zLDA0zPMSvHdkr4UvCOqU.

This key is not known by any other names.

Are you sure you want to continue connecting (yes/no/[fingerprint])? y

Please type 'yes', 'no' or the fingerprint: yesfatal: Could not read from remote repository.

Please make sure you have the correct access rights

and the repository exists.

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git clone git@github.com:bkoi/induction.git

Cloning into 'induction'...

The authenticity of host 'github.com (140.82.121.4)' can't be established.

ED25519 key fingerprint is SHA256:+DiY3wvvV6TuJJhbpZisF/zLDA0zPMSvHdkr4UvCOqU.

This key is not known by any other names.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.

Enter passphrase for key '/c/Users/berna/.ssh/id\_ed25519':

remote: Enumerating objects: 7, done.

remote: Counting objects: 100% (7/7), done.

remote: Compressing objects: 100% (5/5), done.

remote: Total 7 (delta 0), reused 7 (delta 0), pack-reused 0

Receiving objects: 100% (7/7), done.

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ cd bkoi.github.io

bash: cd: bkoi.github.io: No such file or directory

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git clone

fatal: You must specify a repository to clone.

usage: git clone [<options>] [--] <repo> [<dir>]

-v, --verbose be more verbose

-q, --quiet be more quiet

--progress force progress reporting

--reject-shallow don't clone shallow repository

-n, --no-checkout don't create a checkout

--bare create a bare repository

--mirror create a mirror repository (implies bare)

-l, --local to clone from a local repository

--no-hardlinks don't use local hardlinks, always copy

-s, --shared setup as shared repository

--recurse-submodules[=<pathspec>]

initialize submodules in the clone

--recursive ... alias of --recurse-submodules

-j, --jobs <n> number of submodules cloned in parallel

--template <template-directory>

directory from which templates will be used

--reference <repo> reference repository

--reference-if-able <repo>

reference repository

--dissociate use --reference only while cloning

-o, --origin <name> use <name> instead of 'origin' to track upstream

-b, --branch <branch> checkout <branch> instead of the remote's HEAD

-u, --upload-pack <path>

path to git-upload-pack on the remote

--depth <depth> create a shallow clone of that depth

--shallow-since <time>

create a shallow clone since a specific time

--shallow-exclude <revision>

deepen history of shallow clone, excluding rev

--single-branch clone only one branch, HEAD or --branch

--no-tags don't clone any tags, and make later fetches not to follow them

--shallow-submodules any cloned submodules will be shallow

--separate-git-dir <gitdir>

separate git dir from working tree

-c, --config <key=value>

set config inside the new repository

--server-option <server-specific>

option to transmit

-4, --ipv4 use IPv4 addresses only

-6, --ipv6 use IPv6 addresses only

--filter <args> object filtering

--also-filter-submodules

apply partial clone filters to submodules

--remote-submodules any cloned submodules will use their remote-tracking branch

--sparse initialize sparse-checkout file to include only files at root

--bundle-uri <uri> a URI for downloading bundles before fetching from origin remote

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

induction/

nothing added to commit but untracked files present (use "git add" to track)

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Untracked files:

(use "git add <file>..." to include in what will be committed)

induction/

nothing added to commit but untracked files present (use "git add" to track)

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

modified: style.css

Untracked files:

(use "git add <file>..." to include in what will be committed)

induction/

no changes added to commit (use "git add" and/or "git commit -a")

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git add .

warning: adding embedded git repository: induction

hint: You've added another git repository inside your current repository.

hint: Clones of the outer repository will not contain the contents of

hint: the embedded repository and will not know how to obtain it.

hint: If you meant to add a submodule, use:

hint:

hint: git submodule add <url> induction

hint:

hint: If you added this path by mistake, you can remove it from the

hint: index with:

hint:

hint: git rm --cached induction

hint:

hint: See "git help submodule" for more information.

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git commit -m "Tidied up stylesheet"

[main bdf40b4] Tidied up stylesheet

3 files changed, 32 insertions(+), 29 deletions(-)

create mode 160000 induction

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git push

Enumerating objects: 7, done.

Counting objects: 100% (7/7), done.

Delta compression using up to 8 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), 455 bytes | 455.00 KiB/s, done.

Total 4 (delta 2), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (2/2), completed with 2 local objects.

To https://github.com/bkoi/induction.git

c07b2a5..bdf40b4 main -> main

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

no changes added to commit (use "git add" and/or "git commit -a")

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git add .

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git commit -m "Modified stylesheet filepath"

[main 5b04aaf] Modified stylesheet filepath

1 file changed, 1 insertion(+), 1 deletion(-)

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git push

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 8 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 311 bytes | 311.00 KiB/s, done.

Total 3 (delta 2), reused 0 (delta 0), pack-reused 0

To https://github.com/bkoi/induction.git

bdf40b4..5b04aaf main -> main

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: index.html

no changes added to commit (use "git add" and/or "git commit -a")

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git add .

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git commit -m "Added minor change to stylesheet filepath"

[main dad8608] Added minor change to stylesheet filepath

1 file changed, 1 insertion(+), 1 deletion(-)

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git push

Enumerating objects: 5, done.

Counting objects: 100% (5/5), done.

Delta compression using up to 8 threads

Compressing objects: 100% (3/3), done.

Writing objects: 100% (3/3), 305 bytes | 305.00 KiB/s, done.

Total 3 (delta 2), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (2/2), completed with 2 local objects.

To https://github.com/bkoi/induction.git

5b04aaf..dad8608 main -> main

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git rm -r --cached induction

rm 'induction'

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git commit -m "Removed duplicate induction folder from repository"

[main 30794e1] Removed duplicate induction folder from repository

1 file changed, 1 deletion(-)

delete mode 160000 induction

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$ git push origin main

Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Delta compression using up to 8 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (2/2), 247 bytes | 247.00 KiB/s, done.

Total 2 (delta 1), reused 0 (delta 0), pack-reused 0

remote: Resolving deltas: 100% (1/1), completed with 1 local object.

To https://github.com/bkoi/induction.git

dad8608..30794e1 main -> main

berna@DESKTOP-790L6V2 MINGW64 ~/OneDrive/Desktop/Apprenticeship/Project\_4 (main)

$

Published site on personal github account:

A screenshot of a computer

Description automatically generated

Github showing successful build:

A screenshot of a computer

Description automatically generated

All commits:

A screenshot of a computer

Description automatically generated

Accessing developer tools in chrome:

A screenshot of a computer

Description automatically generated

Generating lighthouse report:

A screenshot of a computer

Description automatically generated

Lighthouse report:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a web page

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Security checks:

A screenshot of a computer

Description automatically generated

Performance insights:

A screenshot of a computer

Description automatically generated

Checking responsiveness on amiresponsive:

A screenshot of a computer and mobile phone

Description automatically generated

A screenshot of a computer and a tablet

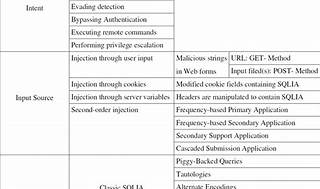
Description automatically generated

<https://github.com/bkoi/induction>

when trying to inject sg into webpage address:

A screenshot of a computer

Description automatically generated





Explore

Simulating SQL injection on your own website is a good way to test its security. However, it’s important to note that this should only be done on your own website or a website you have permission to test. Unauthorized testing can be illegal and unethical. Here are some steps you can follow:

1. [**Identify Input Fields**: Any input field on your website can potentially be a point of SQL injection1](https://stackoverflow.com/questions/10281349/testing-if-a-site-is-vulnerable-to-sql-injection). This includes login forms, search bars, contact forms, etc.
2. **Test with SQL Injection Patterns**: Try entering SQL injection patterns into these fields. [A common pattern is ' OR '1'='1](https://stackoverflow.com/questions/10281349/testing-if-a-site-is-vulnerable-to-sql-injection)[2](https://www.codingame.com/playgrounds/154/sql-injection-demo/sql-injection)[3](https://github.com/davosmith/SQL-Injection-Simulator). This is a basic test and if your website is vulnerable, this should bypass any login.
3. **Observe the Behavior**: If your website is vulnerable to SQL injection, the behavior of the website will change. [For example, you might be logged in as an admin user without knowing the admin password2](https://www.codingame.com/playgrounds/154/sql-injection-demo/sql-injection).
4. [**Use Automated Tools**: There are automated tools like SQLMap that can automate some tests for SQL Injection and database takeover scenarios1](https://stackoverflow.com/questions/10281349/testing-if-a-site-is-vulnerable-to-sql-injection).
5. [**Review Your Code**: Make sure you aren’t passing strings directly to your database4](https://dev.to/nicholasdill/a-complete-guide-on-how-sql-injection-attacks-work-45e). Use parameterized queries or prepared statements to prevent SQL injection.

Remember, the goal of this testing is to identify vulnerabilities so you can fix them, not to exploit them. If you find any vulnerabilities, make sure to patch them immediately. [If you’re not sure how to do this, consider consulting with a cybersecurity professional](https://stackoverflow.com/questions/10281349/testing-if-a-site-is-vulnerable-to-sql-injection)[1](https://stackoverflow.com/questions/10281349/testing-if-a-site-is-vulnerable-to-sql-injection).

Please note that this is a basic guide and SQL injection can be complex. There are many types of SQL injection attacks and this guide only covers a basic test. If your website passes this test, it doesn’t necessarily mean it’s secure. [It’s always a good idea to have your website professionally audited for security if you’re handling sensitive data1](https://stackoverflow.com/questions/10281349/testing-if-a-site-is-vulnerable-to-sql-injection).

>no input field on my page

> only contact email could be potentially tempered with but doubtfull

> when trying to log into my email account, password is required so that requires bootforce to be cracked

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated