



CoGrammar

GITHUB SESSION 1



**SKILLS
FOR LIFE**

SKILLS BOOTCAMPS



Department
for Education

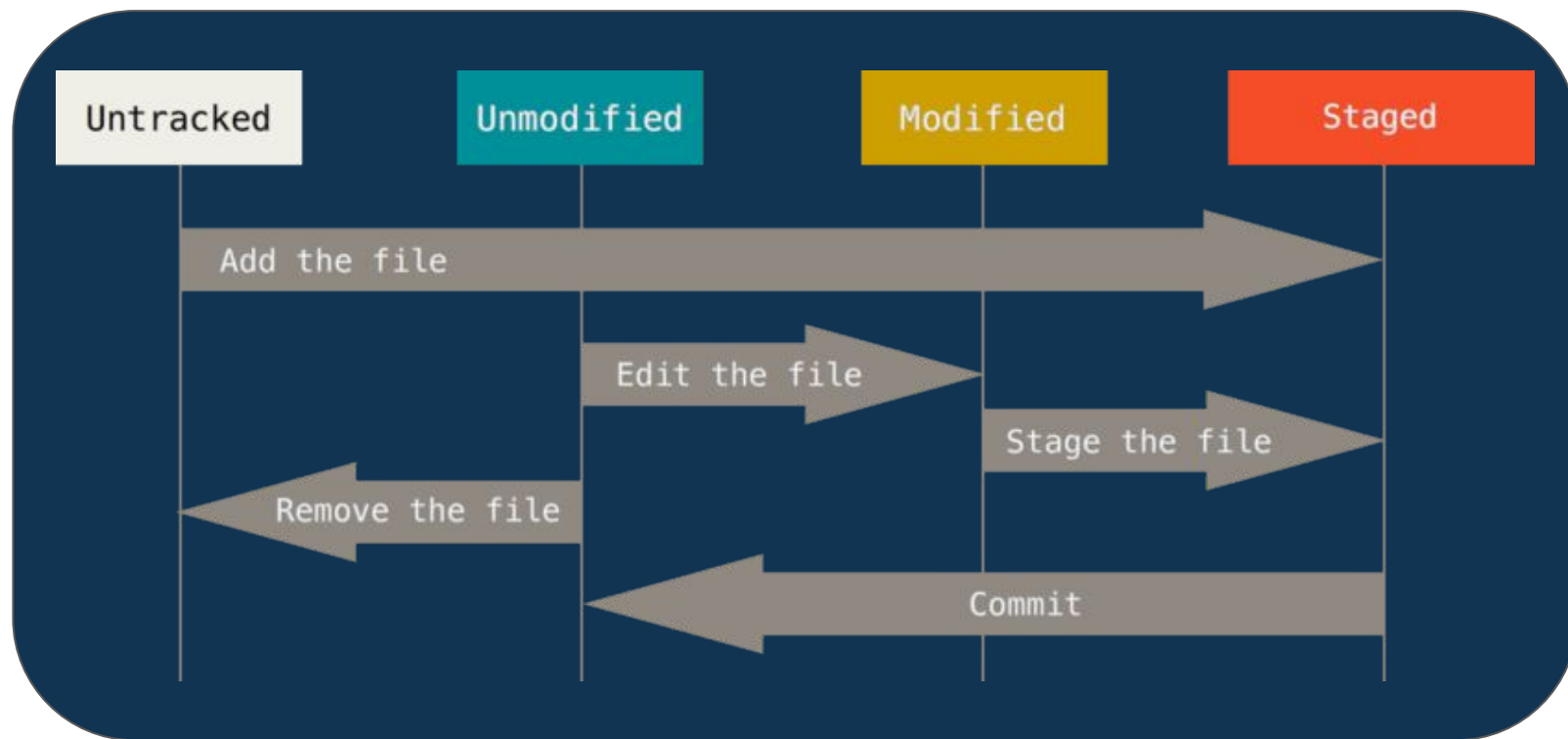
Session Housekeeping

- The use of disrespectful language is prohibited in the questions, this is a supportive, learning environment for all - please engage accordingly.
(FBV: Mutual Respect.)
- No question is daft or silly - **ask them!**
- There are **Q&A sessions** midway and at the end of the session, should you wish to ask any follow-up questions. Moderators are going to be answering questions as the session progresses as well.
- If you have any questions outside of this lecture, or that are not answered during this lecture, please do submit these for upcoming Open Classes.
You can submit these questions here: [Open Class Questions](#)

Session Housekeeping cont.

- For all **non-academic questions**, please submit a query: www.hyperiondev.com/support
- Report a **safeguarding** incident: www.hyperiondev.com/safeguardreporting
- We would love your **feedback** on lectures: [Feedback on Lectures](#)

Before Pushing



Demo: Cloning & Checking out

```
# Simple example to demonstrate the need for version control and
collaboration
# (Demonstration may include additional features not covered in the
example)

# Clone a repository from GitHub
git clone https://github.com/firstcontributions/first-contributions.git

# Create a new branch for a new feature or bug fix
git checkout -b my-feature
```

Demo: Staging, committing and Pushing

```
# Make changes to the code
# (Add, edit, or delete files)

# Stage changes for commit
git add .

# Commit changes with a meaningful message
git commit -m "Add my feature to the project"

# Push changes to the remote repository
git push origin my-feature
```

Demo: Markdown(.md)

Heading	# H1 ## H2 ### H3
Bold	**bold text**
<i>Italic</i>	<i>*italicized text*</i>
1. Ordered List	1. First item 2. Second item 3. Third item
● Unordered List	- First item - Second item - Third item

Demo: ReadMe

Git Contribution Case Study

Overview

Welcome to the Git Contribution Case Study!

Getting Started

Prerequisites

Before you begin, please ensure that you have the following installed on your machine:

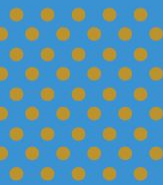
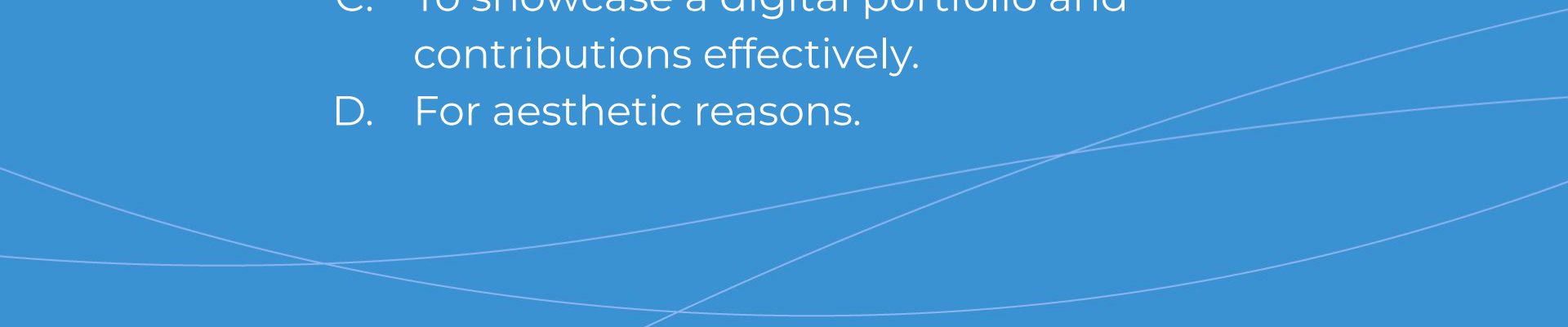
- [Git](<https://git-scm.com/>)
- [GitHub Account](<https://github.com/>)

Clone the Repository:

```
~$ bash
git clone https://github.com/firstcontributions/first-contributions.git
cd first-contributions
```




Why is effective project showcasing important on GitHub?

- 
- A. To impress users with visually appealing graphics.
 - B. To enhance the speed of code development.
 - C. To showcase a digital portfolio and contributions effectively.
 - D. For aesthetic reasons.
- 

Summary

GitHub

- ★ Git and GitHub are two very important tools when it comes to version controlling your code.
- ★ There are two types of repositories:
 - First is the local repository, the one that will be housed on your PC.
 - Second is the remote repository, the one that will be up there on the GitHub server.
- ★ Before pushing your changes to remote repository you need to stage and commit them first so to save those changes in the local repository.



Questions and Answers

Questions around the Case Study

