# **GitHub demo**

1. Create a repository
2. Settings > invite collaborators
3. Select the <code> menu
4. CMD
5. git clone <https://github.com/mikebaradaran/demo1.git>
6. cd demo1
7. dir /ah

|  |  |
| --- | --- |
| git status | Check that you are on the main branch. Origin is the source on github - the head of the main branch. |

--------- **Make a change** --------------

|  |  |
| --- | --- |
| git pull | To make sure everything is up to date |

1. Make changes to readme.md in GitHub
2. git pull
3. git checkout -B mike/helloWorld
4. git branch

|  |  |
| --- | --- |
| code helloWorld.py | Add print('Hello World') - save and exit |

|  |  |
| --- | --- |
| python helloWorld.py | to test it |

|  |  |
| --- | --- |
| git status | see it is not tracked |
| git add helloWorld.py | adds it to our working directory |
| git status | see it is green (tracked by gitHub) |

1. git commit -am "Added helloWorld.py"
2. git status

1. **git push origin mike/helloWorld**

|  |  |
| --- | --- |
| GitHub - Compare & pull request | Show the compare part at bottom |
| Add text to the editor on the web | (what changed? Usage? How to test?) |

1. Click <Create pull request>
2. Click <Reviewers>

Make a change to helloWorld.py (add a new line)

1. git status
2. git diff
3. git add heloWorld.py
4. git commit -am "Added more lines to helloWorld.py"
5. git push origin mike/helloWorld

**GitHub                 // show the message above "Added more lines..."**

Click on the "Added more line to helloWorld.py" to see changes

(If moved off the page, click on the "Added more..." line message

Click the <Merge pull request> button

Click <Confirm merge>

1. git checkout main

|  |  |
| --- | --- |
| Dir | file missing |

git pull

dir