


How to pull updates from
original repository

classroom.github.com/assignment-invitations/bc044e38d74e44406ee832b32e9105b6/status

Data Feminism Ethics Data Portfolio CC* AutoGrading LibGuide JupyterHub Bryn Mawr College BiONIC Bryn Mawr Webmail Bi-Co Password Bryn Mawr Moodle Ask Athena TriPod TeamDynamix Sign-In Digital Scholarship... Data Feminism

GitHub Classroom


GitHub Education




You're ready to go!

You accepted the assignment, **Intro to Python**.


Your assignment repository has been created:

 <https://github.com/BMC-Intersectional-Data-Feminism/intro-to-python-ampivirotto>

We've configured the repository associated with this assignment.

 [Open in GitHub Codespaces](#)

Note: You may receive an email invitation to join [BMC-Intersectional-Data-Feminism](#) on your behalf. No further action is necessary.



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1. Click the link in Moodle for the Intro to Python Tutorial. This will bring you back to this page. Click the repository link in the red box shown above.

The screenshot shows the GitHub interface for the repository 'intro-to-python-ampivirotto'. The repository is forked from 'BMC-Intersectional-Data-Feminism/dsci-b215-intersectional-data-feminism-spring-2025-intro-to-python-intro_to_python_spr25'. The 'Pull requests' tab is highlighted with a red box and shows a count of 1. The repository title 'intro-to-python-ampivirotto' is highlighted with a light blue box. The repository is public and has 0 stars, 0 forks, and 0 watches. A 'Help us improve GitHub Codespaces' banner is visible. The main branch is 'main', and there is 1 branch and 0 tags. The repository is 2 commits ahead of and 2 commits behind the upstream branch. The commit history shows a commit by 'ampivirotto' with the message 'add coded'.

BMC-Intersectional-Data-Feminism / intro-to-python-ampivirotto

Type / to search

<> Code Issues Pull requests 1 Actions Projects Wiki Security Insights Settings

intro-to-python-ampivirotto Public

forked from BMC-Intersectional-Data-Feminism/dsci-b215-intersectional-data-feminism-spring-2025-intro-to-python-intro_to_python_spr25

Help us improve GitHub Codespaces

Tell us how to make GitHub Codespaces work better for you with three quick questions. Give feedback

main 1 Branch 0 Tags

Go to file Add file <> Code

About

dsci-b215-intersectional-data-feminism-spring-2025-intro-to-python-intro_to_python_spr25 created by GitHub Classroom

Readme Activity

This branch is 2 commits ahead of, 2 commits behind

BMC-Intersectional-Data-Feminism/dsci-b215-intersectional-data-feminism-spring-2025-intro-to-python-intro_to_python_spr25:main

#1

ampivirotto add coded 1b0568b · 2 hours ago 3 Commits

2. This will bring you to your repository page. Make sure its your username in the title (light blue box). Click the pull request tab (red box).

Browser tabs: Your Repositories, Course: Intersectional Data Fem..., Pull requests · BMC-Intersection..., GitHub, Resolve Conflicts · Pull Request, intro_to_python_spr25/week3_ji...

Address bar: github.com/BMC-Intersectional-Data-Feminism/intro-to-python-ampiviroto/pulls

Navigation bar: Data Feminism, Ethics, Data Portfolio, CC*, AutoGrading, LibGuide, JupyterHub, Bryn Mawr College, BiONiC, Bryn Mawr Webmail, Bi-Co Password, Bryn Mawr Moodle, Ask Athena, TriPod, TeamDynamix Sign-In, Digital Scholarship..., Data Feminism

Breadcrumbs: BMC-Intersectional-Data-Feminism / intro-to-python-ampiviroto

Search bar: Type / to search

Navigation tabs: Code, Issues, Pull requests 1, Actions, Projects, Wiki, Security, Insights, Settings

Filters: is:pr is:open

Labels 9, Milestones 0, **New pull request**

1 Open, 0 Closed

Author, Label, Projects, Milestones, Reviews, Assignee, Sort

update content - add to current file

#1 opened 1 hour ago by ampiviroto

ProTip! Follow long discussions with [comments:>50](#).

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3. Click the ‘New pull request’ button (red box).

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#) or [learn more about diff comparisons](#).

base: main ← compare: main

There isn't anything to compare.

You'll need to use two different branch names to get a valid comparison.
Check out some of these sample comparisons.

| Example comparisons | |
|----------------------|--------------|
| 🕒 main@{1day}...main | 24 hours ago |

Showing 0 changed files with 0 additions and 0 deletions.

Split Unified

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4. Click the button to compare across forks. This is because we want to update your repository from the original repo you forked from.

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#) or [learn more about diff comparisons](#).

base repository: BMC-Intersectional-Data-Femi... base: main head repository: BMC-Intersectional-Data-Femi... compare: main

Choose a Base Repository

ampivrotto

✓ BMC-Intersectional-Data-Feminism/intro-to-python

There isn't anything to compare.

You'll need to use two different branch names to get a valid comparison. Check out some of these sample comparisons.

Example comparisons

main@{1 day}...main 24 hours ago

Showing 0 changed files with 0 additions and 0 deletions.

Split Unified

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5. For the base repository in the first box (red box), search for your username and select that repository.

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#) or [learn more about diff comparisons](#).

base repository: BMC-Intersectional-Data-Femi... base: main head repository: BMC-Intersectional-Data-Femi... compare: main

✗ Can't automatically merge. Don't worry, you can still create the pull request.

🔄 update content - add to current file #1
No description available [View pull request](#)

🔗 2 commits 1 file changed 1 contributor

Commits on Feb 3, 2025

- update content
ampivirotto authored 1 hour ago [Verified](#) [367b78a](#) [<>](#)
- update first ty
ampivirotto authored 6 minutes ago [Verified](#) [25effee](#) [<>](#)

6. For the head repository (red box) you want to select the original repository (search for dsci-b215 to filter to the correct repo). Note that you should get the message 'Can't automatically merge' – that's okay! Then click 'Create pull request' (green button) which will prompt you to give it a title.

The screenshot shows a GitHub pull request titled "update content - add to current file #1" by user ampiviroto. The pull request is open and shows a conflict in the file "week3_introPython.ipynb". The interface includes a top navigation bar with tabs for Code, Issues, Pull requests (1), Actions, Projects, Wiki, Security, Insights, and Settings. The main content area shows the pull request details, including a comment from ampiviroto and a commit history. A red box highlights the "Resolve conflicts" button, which is used to resolve the conflict. The right sidebar shows the pull request's status, including reviewers, assignees, labels, and projects.

update content - add to current file #1

Open ampiviroto wants to merge 2 commits into BMC-Intersectional-Data-Feminism:main from BMC-Intersectional-Data-Feminism:main

Conversation 0 Commits 2 Checks 0 Files changed 1 +432 -1

ampiviroto commented 1 hour ago

No description provided.

ampiviroto added 2 commits 1 hour ago

update content Verified 367b78a

update first tiy Verified 25effee

This branch has conflicts that must be resolved

Use the [web editor](#) or the [command line](#) to resolve conflicts.

Conflicting files

week3_introPython.ipynb

Resolve conflicts

Reviewers

No reviews

Still in progress? [Convert to draft](#)

Assignees

No one—[assign yourself](#)

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues

7. You'll be brought the page with the open pull request. Notice that we have conflicts so we cannot automatically merge. Click the Resolve Conflicts button (red box).

The conflicts between the two files might vary between what you see on your screen and what's shown here. I've included two examples of the two most common variations expected.

```

609     "execution_count": null,
610     "metadata": {},
611     "outputs": [],
612     "source": []
613 }
614 ],
615 "metadata": {
616     "kernelspec": {
617         <<<<<< main ✗
618         "display_name": "base", ✗
619         ===== ✗
620         "display_name": "Python 3", ✓
621         >>>>>> main ✗
622         "language": "python",
623         "name": "python3"
624     },
625     "language_info": {
626         "codemirror_mode": {
627             "name": "ipython",
628             "version": 3
629         },
630         "file_extension": ".py",
631         "mimetype": "text/x-python",
632         "name": "python",
633         "nbconvert_exporter": "python",
634         "pygments_lexer": "ipython3",
635         <<<<<< main ✗
636         "version": "3.12.4" ✗
637         ===== ✗
638         "version": "3.12.1" ✓
639         >>>>>> main ✗
640     },
641 },
642 "nbformat": 4,
643 "nbformat_minor": 2
644 }
645

```

8. (Variation 1) Scroll down towards the bottom looking for the sections indicated with the >>>>> line breaks. You want to delete top line of both sections along with the line break indicators. See the red box above – the x's indicate lines to delete. Line to retain indicated by green checkmark


<> Code Issues Pull requests 1 Actions Projects Wiki Security

test other variation #1

Resolving conflicts between BMC-Intersectional...:main and BMC-Intersectional...:main and committing changes

2 conflicting files

- README.md
README.md
- week3_introPython.ipynb
week3_introPython.ipynb



README.md

```
1 <<<<<<< main ✖
2 [![Open in Codespaces](https://codespaces.io/BMC-Intersectional.../main)](https://codespaces.io/BMC-Intersectional.../main) ✖
3 ===== ✖
4 [![Open in Codespaces](https://codespaces.io/BMC-Intersectional.../main)](https://codespaces.io/BMC-Intersectional.../main) ✔
5 >>>>>>> main ✖
6
```

8. (Variation 2)
Here you can again remove the first line of along with the indicator lines. Notice also you might have multiple files to resolve (red arrow).

```

596     },
597     "execution_count": 9,
598     "metadata": {},
599     "output_type": "execute_result"
600 }
601 ],
602 "source": [
603     "task1 = 5 * (4 + (10/11)) - (5 + (13/15)) + (2 ** (6*1/3)) - (
604     "task1"
605 ]
606 },
607 {
608     "cell_type": "code",
609     "execution_count": null,
610     "metadata": {},
611     "outputs": [],
612     "source": []
613 }
614 ],
615 "metadata": {
616     "kernelspec": {
617         "display_name": "Python 3",
618         "language": "python",
619         "name": "python3"
620     },
621     "language_info": {
622         "codemirror_mode": {
623             "name": "ipython",
624             "version": 3
625         },
626         "file_extension": ".py",
627         "mimetype": "text/x-python",
628         "name": "python",
629         "nbconvert_exporter": "python",
630         "pygments_lexer": "ipython3",
631         "version": "3.12.1"
632     }
633 },
634 "nbformat": 4,
635 "nbformat_minor": 2
636 }

```

9. Notice now the red brackets around the lines of code are gone. This indicates that all your conflicts are resolved.

test other variation #1

Resolving conflicts between BMC-Intersectional...:main and BMC-Intersectional...:main and committing changes → BMC-Intersectional...:main

Commit merge

Resolved

2 conflicting files

README.md

README.md

week3_introPython.ipynb

week3_introPython.ipynb

week3_introPython.ipynb

```
1 {
2   "cells": [
3     {
4       "cell_type": "markdown",
5       "metadata": {},
6       "source": [
7         "# Workshop 1: Introduction to Data Science",
8         "This workshop is designed to introduce you to the concepts of Data Science",
9         "\n",
10        "## Expressions \n",
11        "Similar to learning about the basic rules of arithmetic, we will learn about the basic rules that govern the way the language is utilized. In this workshop, we will begin by learning some of the basic rules of Data Science. For example, a multiplication expression consists of a * symbol between two numerical expressions.
12        "\n",
13        "Programs are made up of many small parts, each of which has its own set of rules. For example, a multiplication expression consists of a * symbol between two numerical expressions.
14        "\n",
15        "**Data Type 1:** Integers - these are whole numbers (either negative or positive) such as -1, 2, 44, 232432\n",
16        "\n",
17        "**Data Type 2:** Floats - these are fractional numbers (again either negative or positive) such as -1.49453, 0.554, 324.4234, 99.0"
18      ]
19    },
20    {
21      "cell_type": "code",
22      "execution_count": null,
23      "metadata": {},
24      "source": [
25        "# Workshop 1: Introduction to Data Science"
26      ]
27    }
28  ]
29 }
```

⚠ Heads up, this will commit to `main`.

☒ Commit updates to the `main` branch.


☐ Create a new branch and commit updates. Your pull request will be updated automatically.

I understand, continue updating main

10. Click the 'Mark as Resolved' button in the upper right-hand corner. Then select the green 'Commit merge' button. This brings up a pop-up box where you should select the main branch and click the button 'I understand, continue updating main'.

update content - add to current file #1

Edit <> Code

 Open ampiviroto wants to merge 3 commits into BMC-Intersectional-Data-Feminism:main from BMC-Intersectional-Data-Feminism:main

Conversation 0 Commits 3 Checks 0 Files changed 1

+418 -0





ampiviroto commented 1 hour ago

Member


No description provided.




 ampiviroto added 3 commits 1 hour ago

 update content

Verified 367b78a


 update first tiy

Verified 25effee

 Merge branch 'main' into main

Verified f65c8a6



 Require approval from specific reviewers before merging

Add rule X

Rulesets ensure specific people approve pull requests before they're merged.



This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Try the new merge experience



Add a comment

Write

Preview



Reviewers

No reviews

Still in progress? [Convert to draft](#)

Assignees

No one—[assign yourself](#)

Labels

None yet

Projects

None yet

Milestone

No milestone


Development

Successfully merging this pull request may close these issues.

None yet

Notifications

Customize

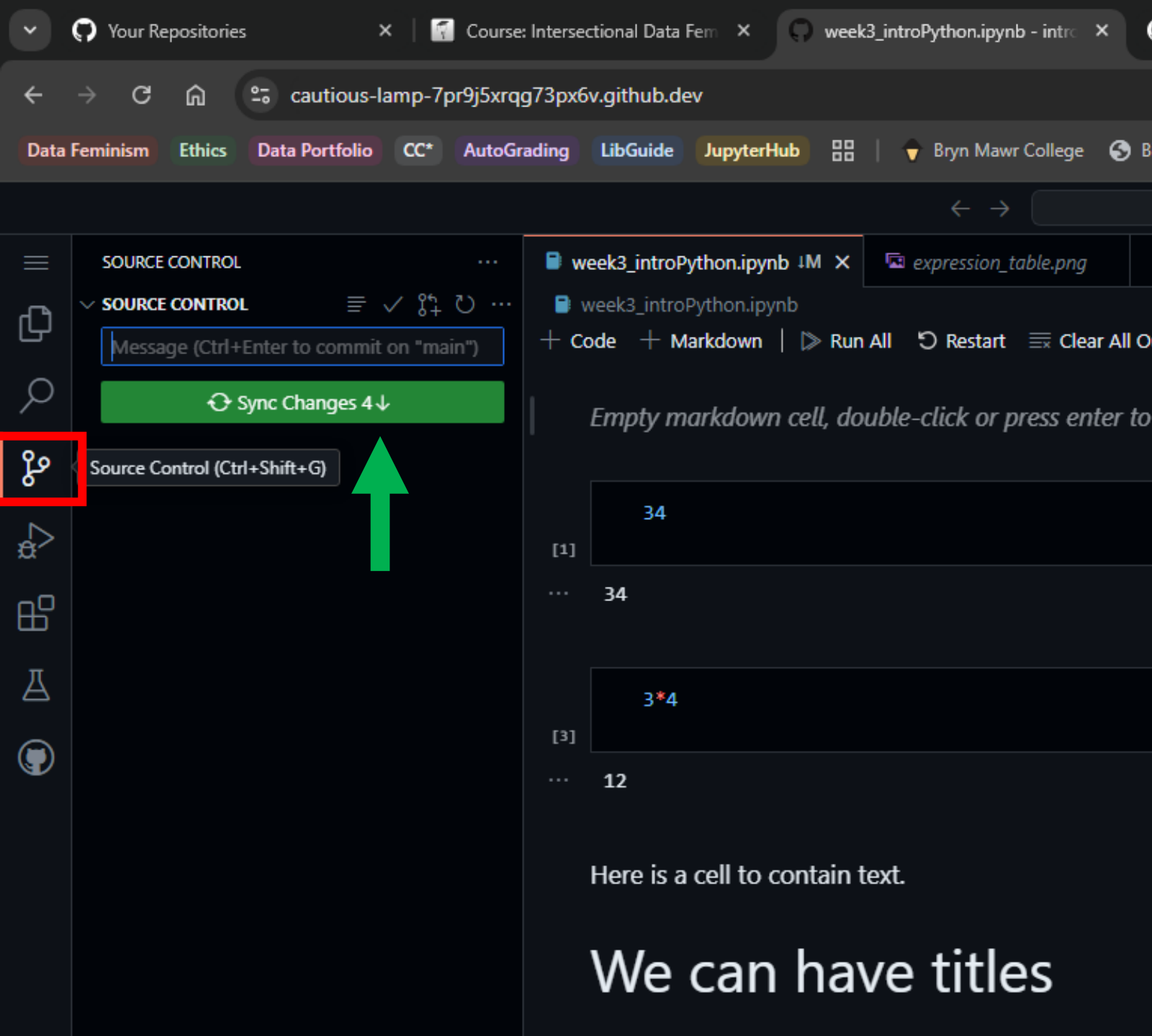
 Unsubscribe

You're receiving notifications because you authored the thread.

1 participant

11. Back on the Pull Request page, you can now 'Merge pull request' (red box)

12. Back in your Codespaces server instance, you will have to sync your new changes. First click the correct tab (red box) and then you can click the green button to sync changes (green arrow).



The screenshot shows a JupyterLab interface with a dark theme. On the left, the 'SOURCE CONTROL' panel is visible, containing a 'Message (Ctrl+Enter to commit on "main")' input field, a green 'Sync Changes 4 ↓' button, and a 'Source Control (Ctrl+Shift+G)' button. A red box highlights the Source Control icon in the left sidebar, and a green arrow points to the 'Sync Changes 4 ↓' button. The main editor area shows a Jupyter notebook with a code cell containing '34' and a markdown cell containing '3*4'.

Here is a cell to contain text.

We can have titles

work3_introPython.ipynb

Workshop 1: Introduction to Python

This workshop is modified from examples from [Computational and Inferential Thinking: The Foundations of Data Science](#).

Expressions

Similar to learning other languages, programming languages also depend on grammatical rules that govern the way the language is utilized. In this workshop, we will begin by learning some of the basic rules of Python. These rules will give you foundational knowledge which can then be leveraged towards completing and solving more complex problems.

Programs are made up of expressions, which describe to the computer how to combine pieces of data. For example, a multiplication expression consists of a `*` symbol between two numerical expressions. Expressions, such as `3 * 4`, are evaluated by the computer. The value (the result of evaluation) of the last expression in each cell, 12 in this case, is displayed below the cell.

Data Type 1: Integers - these are whole numbers (either negative or positive) such as -1, 2, 44, 232432

Data Type 2: Floats - these are fractional numbers (again either negative or positive) such as -1.49453, 0.554, 324.4234, 99.0

```
[ ] 3390 Python
```

```
[ ] 3 * 4 Python
```

PROBLEMS 3 OUTPUT DEBUG CONSOLE TERMINAL PORTS 2 JUPYTER COMMENTS

13. Verify that your Jupyter Notebook has now updated.