

Gitpod Cheat Sheet

Many of the videos in the programme were created using Cloud9. Unfortunately, Cloud9 has changed and is no longer suitable for use. We now recommend using Gitpod as an IDE, but there are some differences between the two environments. Here's a handy cheat sheet to help you translate Cloud9 terms into their Gitpod equivalents.



When we tell you to do this in Cloud9...

Create a blank workspace

Click the Run button to run the project

Running a Flask Project

Running a Django Project

Click the Preview button to preview your code



Do this in Gitpod instead.

Create a new repo on GitHub and open it in Gitpod

For User Centric and Interactive:

1. Type this in the terminal:
`python3 -m http.server`
2. Click the **Expose button** in the pop-up
3. Click on **Open Browser**

Run all Python, Flask and Django projects from the terminal

1. Type this in the terminal: `python3 app.py`
2. Click the **Expose button** in the pop-up
3. Click on **Open Browser**

1. Type this in the terminal:
`python3 manage.py runserver`
2. Click the **Expose button** in the pop-up
3. Click on **Open Browser**

Click the Preview icon in the top right of the code editing window. This is only for static pages. Flask and Django projects will need to be run differently



When we tell you to do this in Cloud9...

Press Control+Shift+B on a PC or Command+Shift+B on a Mac to beautify your code

Run a command with: **sudo**

Run Python files and commands with the **python** command

Set a run alias in bash

Set an environment variable



Do this in Gitpod instead.

Press Alt+Shift+F on a PC or a Mac

Omit the **sudo** keyword, so:
sudo pip3 install Flask
becomes
pip3 install Flask

Use the **python3** command instead

We've done this already for you in our template, so just start using the aliases immediately

1. Click on your Avatar icon when you're at the gitpod.io/workspaces page
2. Click on **Environment Variables**
3. Click **Add Variable**
4. Supply the variable name (e.g. MONGO_URI), the value and specify which workspace it refers to (this is the repository name)

When you want to re-open a workspace, do this from the Gitpod dashboard. If you open it from GitHub, you'll create a new copy of your work each time. Make sure you regularly push everything back to GitHub too - it's the best way of making sure you won't lose any work when you create a new Django Project.

Django will automatically create a new folder in your directory. Alternatively (and to avoid a few headaches), you can rename the outer folder, drag the files and folder that is inside to the outer directory. Then delete the folder we renamed.