

# How to Run a Jupyter Notebook in Your Browser

## (for Non-Programmers)

If you are not a programmer but want to run a Jupyter Notebook, such as one of the notebooks provided in this repository, then here are some instructions for you to run one in your browser!

1) Go to <https://nbviewer.jupyter.org/> and enter the url of the notebook where it says "Enter the location of a Jupyter Notebook to have it rendered here:"

(URL for the Quantum Chai Maker:

[https://github.com/quantum-kittens/quantum-computing-basics/blob/master/The\\_Quantum\\_Chai\\_Maker.ipynb](https://github.com/quantum-kittens/quantum-computing-basics/blob/master/The_Quantum_Chai_Maker.ipynb) )

2) Press 'Go'

3) On the top menu of the next screen you will see an icon of 3 interconnecting rings ("Execute on Binder"). Click on it! (If you're on mobile, this option will be in an expandable hamburger menu at the top.)

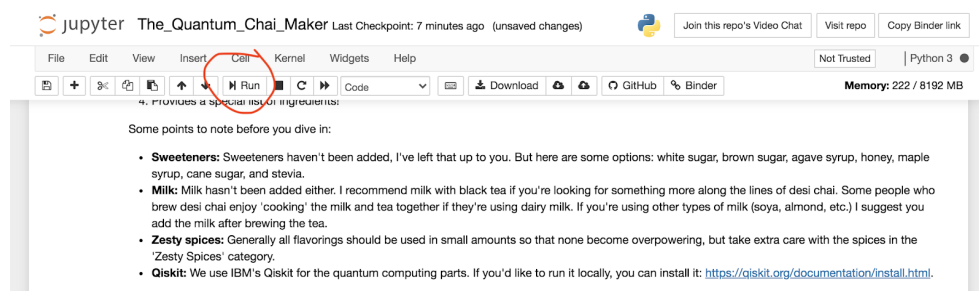


4) Wait while the next page loads; this may take a couple of minutes. When it's ready it will look something like this:

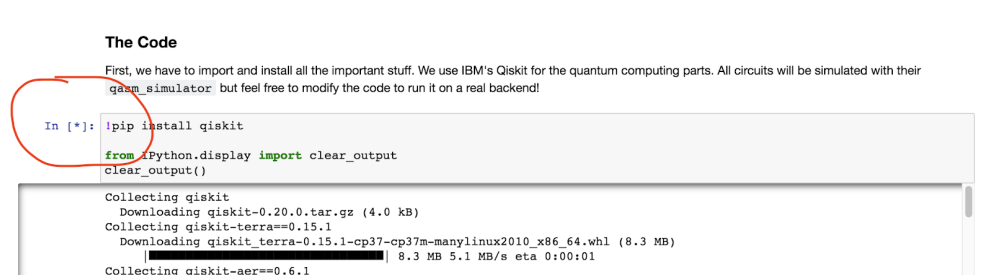
The screenshot shows the Jupyter Notebook interface for 'The Quantum Chai Maker'. The top bar includes the Jupyter logo, the notebook title 'The\_Quantum\_Chai\_Maker', and a status message 'Last Checkpoint: 3 minutes ago (unsaved changes)'. There are buttons for 'Join this repo's Video Chat', 'Visit repo', and 'Copy Binder link'. The main menu includes 'File', 'Edit', 'View', 'Insert', 'Cell', 'Kernel', 'Widgets', and 'Help'. Below the menu is a toolbar with icons for file operations, running, and saving. The notebook content is displayed in a light blue box with the title 'The Quantum Chai Maker'. The text reads: 'Hey there! You're likely here because you love tea as much as I do. But did you know there's a whole world of flavors to explore? Let's use quantum computing to spice up your tea recipes, pun intended! Quantum computing is great for this flavor journey because it's probability based: every possible outcome (read, ingredient) has some probability of being selected! Here are the ingredients the Quantum Chai Maker will choose from:'. Below the text is a table with five columns: 'Tea', 'Mild Spices', 'Zesty Spices', 'Herbs', and 'Misc. Flavors'. The table lists various ingredients under each category.

Tea	Mild Spices	Zesty Spices	Herbs	Misc. Flavors
black	cardamom (elaichi)	ginger (adrak)	peppermint	orange peel
green	fennel seeds (saunf)	black peppercorns	lemongrass	rose petals

5) Your jupyter notebook is now a set of executable cells. Click 'run' for the first code cell.



You will know that a cell is running when an asterisk appears between the square brackets like this: `[*]` When a number replaces the asterisk, the cell has completed running. Run each of the code cells. When you've successfully moved down through all the cells, you can do whatever the Jupyter Notebook is used for.



For the Quantum Chai Maker specifically, you can repeatedly run the cell that provides you with a tea combination for different combinations! (Note: ignore the empty cell at the bottom.)

