Manual Smoke Test

Prereqs

- Clone the notebook extensions repository
  - `git clone https://github.com/microsoft/notebook-extension-samples`
  - `yarn && yarn run install && yarn run build`
- Run Insiders with specifying `notebook-extension-samples` as the extension directory (or you can symlink the folders)
  - `code-insiders --extensions-dir notebook-extension-samples`
- Clone the notebook test repository
  - `git clone https://github.com/microsoft/vscode-notebook-testdata`
  - Open the folder in OSS

File opening & rendering

One major goal of native notebook experience in VS Code is performance: file opening, scrolling and editing should be as performant as a normal text editor. Please test the code change doesn't regress the performance

- Open `samples/runCode.ipynb`, make sure markdown cell and code cells are rendered properly.
  - Scrolling in the editor is smooth, no significant noticeable lag.
- Open `samples/runCode50.ipynb`. This file contains 600 code cells and 1300 markdown cells, but opening this file should be fast too.
  - Test scrolling with scrollbar, try to scroll to the middle or the bottom of the document.
  - Please check all outputs are rendered properly

Output rendering

Outputs are rendered under code cells. When an output is secure and simple, like text, png, we will render them in the core. If it's insecure, like html/javascript, we will render them in a webview.

- Open `samples/mimetypes.ipynb`
  - Make sure all outputs are rendered as expected
- Open `samples/runCode_iframe_form_15.ipynb`, test iframes and forms are rendered properly and they are interactive
  - Scroll the document to the bottom, scroll back and check if the iframe is still running

Editing

Open `runCode.ipynb`

- Hover on a cell, and click the gear icon on the left, test commands in the context menu works as expected

- Inserting a cell should focus the newly added cell (focus should be inside the nested monaco editor)
    - After modifying the cells, the file should be a dirty state
- Cmd+S to save the document, the document should be persisted on disk and please check if the changes are correct.

Execution

- Open `test/ipywidgets.test.ipynb`, focus in the editor, click `Execute Notebook` actions on the editor toolbar
    - Check if the outputs are rendered properly