

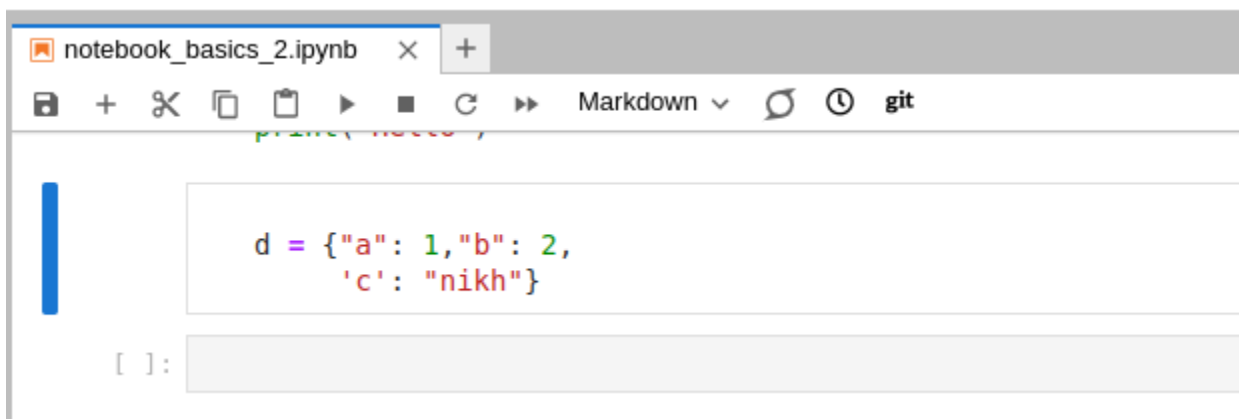
## Assignment (Bash Command)

**Write a bash command which formats markdown cells** in file `my_notebook.ipynb` (nbqa github page might be helpful).

**`nbqa blacken-docs my_notebook.ipynb --nbqa-md`**

## Solution

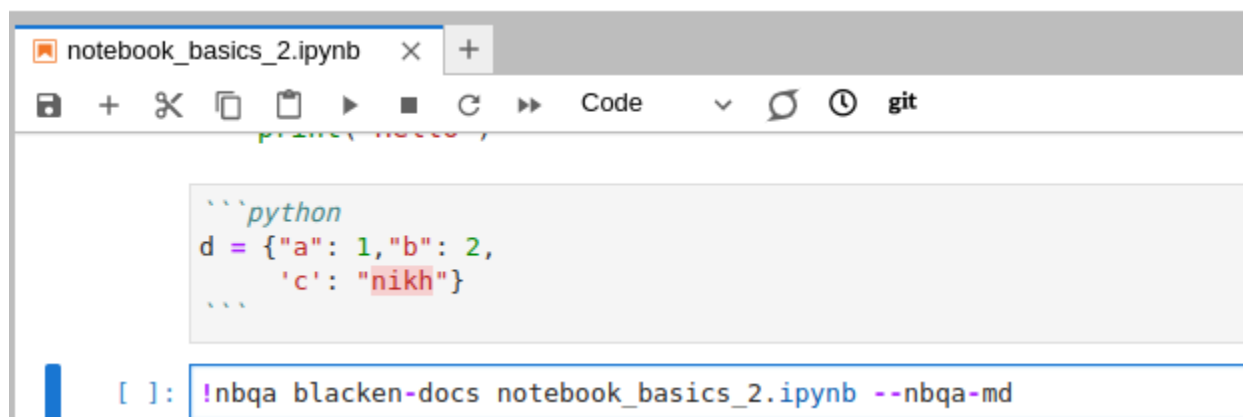
- We have **unformatted python code** in **markdown** cell.



The screenshot shows a Jupyter Notebook interface with a tab labeled 'notebook\_basics\_2.ipynb'. The toolbar includes icons for saving, adding, deleting, copying, pasting, running, and a dropdown menu currently set to 'Markdown'. Below the toolbar, a code cell contains the following unformatted Python code:

```
d = {"a": 1, "b": 2,  
      'c': "nikh"}
```

- Now we use **blacken-docs** command to format our code.



The screenshot shows the same Jupyter Notebook interface, but the dropdown menu in the toolbar is now set to 'Code'. The code cell contains the same Python code, but it is now properly formatted with triple backticks and a 'python' language specifier:

```
python  
d = {"a": 1, "b": 2,  
      'c': "nikh"}  
...
```

Below the code cell, a new cell is shown with the following command:

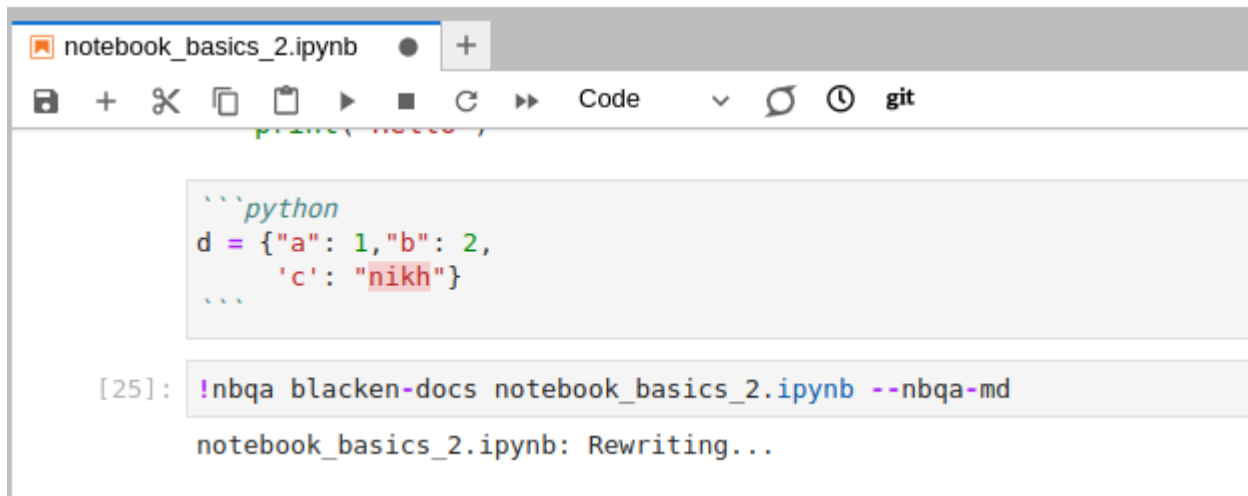
```
[ ]: !nbqa blacken-docs notebook_basics_2.ipynb --nbqa-md
```

## Peer Assignment

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- After running command it give output.



The screenshot shows a Jupyter Notebook window titled 'notebook\_basics\_2.ipynb'. The toolbar includes icons for saving, adding, deleting, copying, pasting, running, and a 'Code' dropdown menu. The main area contains two cells. The first cell is a code cell with the following Python code:

```
python
d = {"a": 1, "b": 2,
     'c': "nikh"}
```


The second cell is a terminal cell with the command:

```
[25]: !nbqa blacken-docs notebook_basics_2.ipynb --nbqa-md
```

The output of the terminal cell is:

```
notebook_basics_2.ipynb: Rewriting...
```

- After refreshing the notebook we get updated code.



The screenshot shows the same Jupyter Notebook window after refreshing. The code cell now displays the updated code:

```
d = {"a": 1, "b": 2, "c": "nikh"}
```