

ASSIGNMENT 2.1

Working with Jupyter Notebooks

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Task 01:

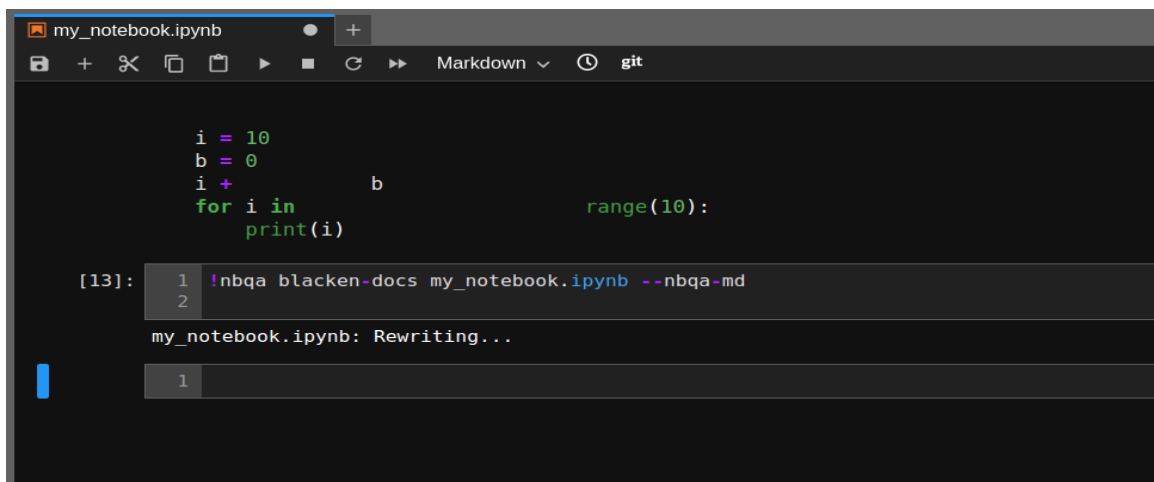
Write a bash command which formats markdown cells in file my_notebook.ipynb (nbqa github page might be helpful).

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

Solution:

Unformatted markdown file:

Written code in python with spaces in syntax.



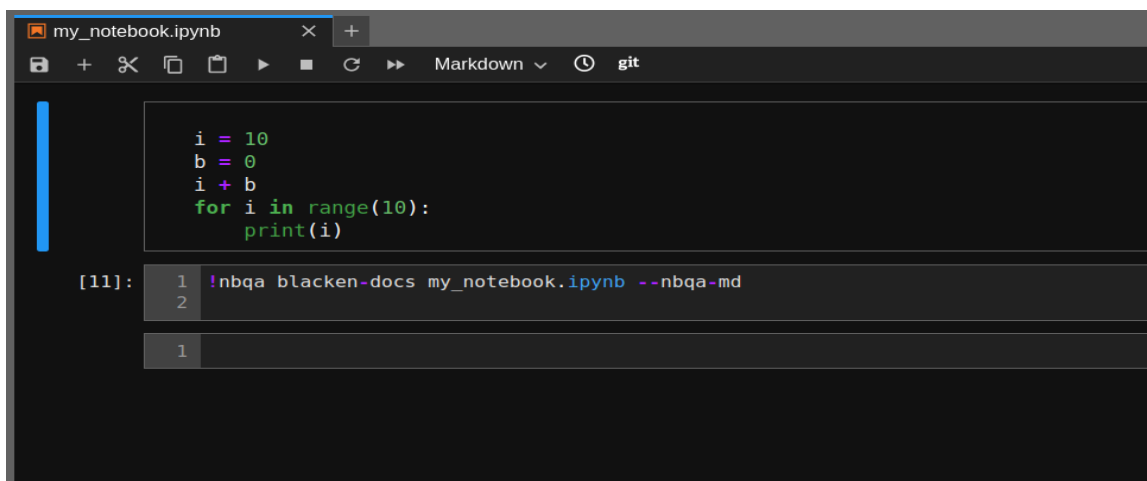
The screenshot shows a Jupyter Notebook interface with a dark theme. The top bar indicates the file is 'my_notebook.ipynb' and the current cell type is 'Markdown'. The notebook contains a code cell with the following Python code:

```
i = 10
b = 0
i + b
for i in range(10):
    print(i)
```

Below the code cell is a terminal output for cell [13]:

```
1 !nbqa blacken-docs my_notebook.ipynb --nbqa-md
2
my_notebook.ipynb: Rewriting...
1
```

Formatted file after running provided command:



The screenshot shows the same Jupyter Notebook interface after running the command. The Python code in the code cell is now formatted with proper indentation:

```
i = 10
b = 0
i + b
for i in range(10):
    print(i)
```

The terminal output for cell [11] shows the command was executed successfully:

```
1 !nbqa blacken-docs my_notebook.ipynb --nbqa-md
2
1
```

References

<https://github.com/nbQA-dev/nbQA>