

2.1 Assignment

Peer Members:

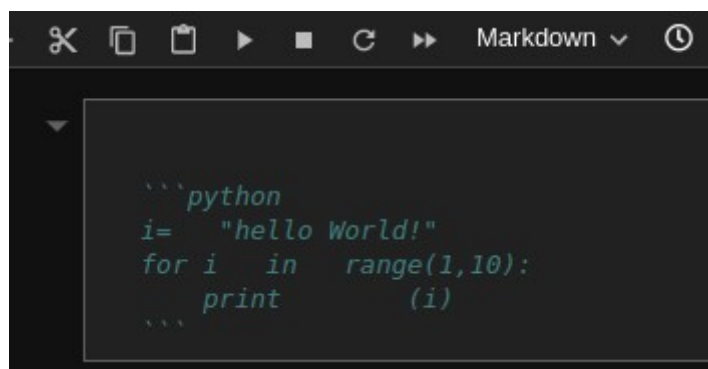
- Syed Muhammad Raqim Ali Shah (2303.KHI.DEG.008)
- Maaz Javaid Siddique (2303.KHI.DEG.004)
- Qadeer Hussain (2303.KHI.DEG.006)

Question:

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

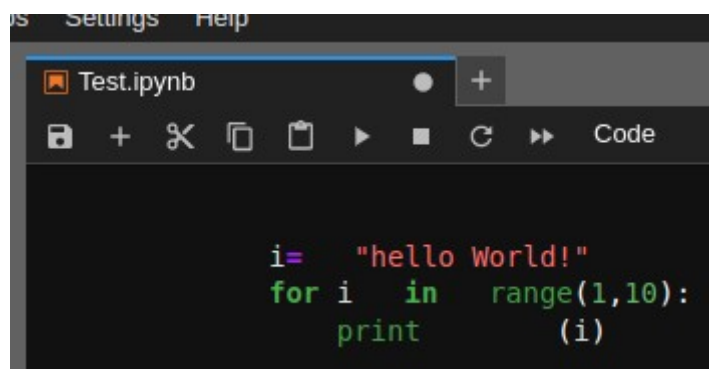
nbqa blacken-docs my_notebook.ipynb --nbqa-md

Solution:



```
```python
i= "hello World!"
for i in range(1,10):
 print (i)
```
```

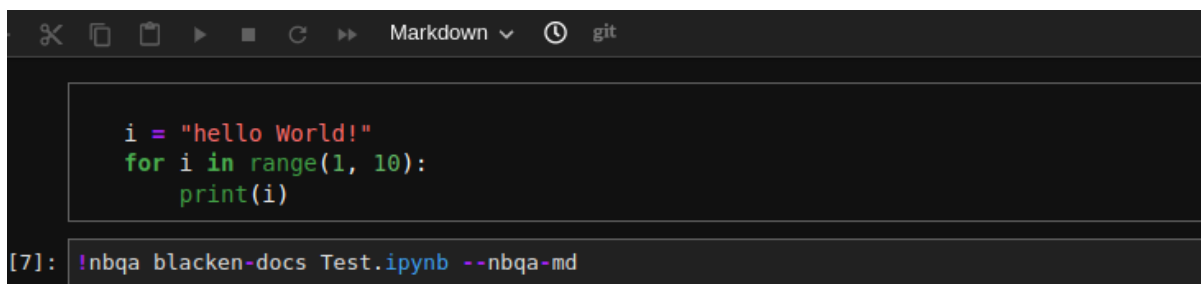
As we have written a code that was not completely formatted.



```
i= "hello World!"
for i in range(1,10):
    print      (i)
```

So, when we run “**!nbqa blacken-docs Test.ipynb --nbqa-md**” that was shell command in a notebook cell, nbqa will apply the blacken-docs plugin to the Markdown cells in Test.ipynb , formatting them according to a standard set of rules for code formatting. The output of the command will be the formatted version of the notebook file with the Markdown cells reformatted.

```
```python
i = "hello World!"
for i in range(1, 10):
 print(i)
```
```



The screenshot shows a Jupyter Notebook interface. At the top, there is a toolbar with icons for cut, copy, paste, run, and other functions, along with a 'Markdown' dropdown menu and a 'git' icon. Below the toolbar is a code cell containing the following Python code:

```
i = "hello World!"
for i in range(1, 10):
    print(i)
```

Below the code cell is a command prompt cell with the following text:

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