

## 2.1 Assignment

### Peer Members:

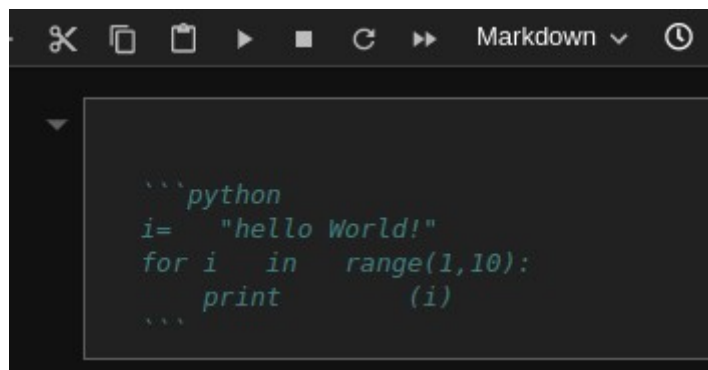
- Syed Muhammad Raqim Ali Shah (2303.KHI.DEG.008)
- Maaz Javaid Siddique (2303.KHI.DEG.004)

### Question:

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

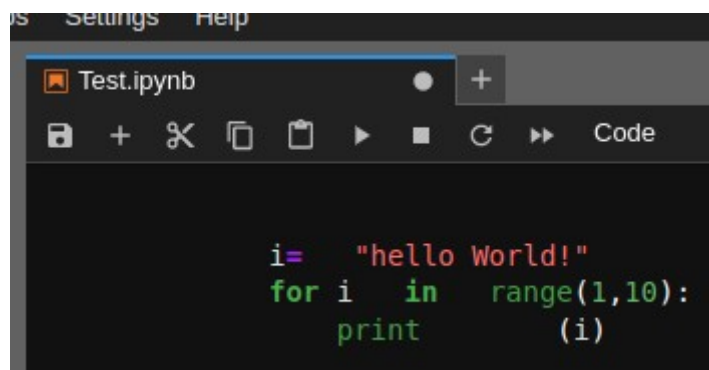
nbqa blacken-docs my\_notebook.ipynb --nbqa-md

### Solution:



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

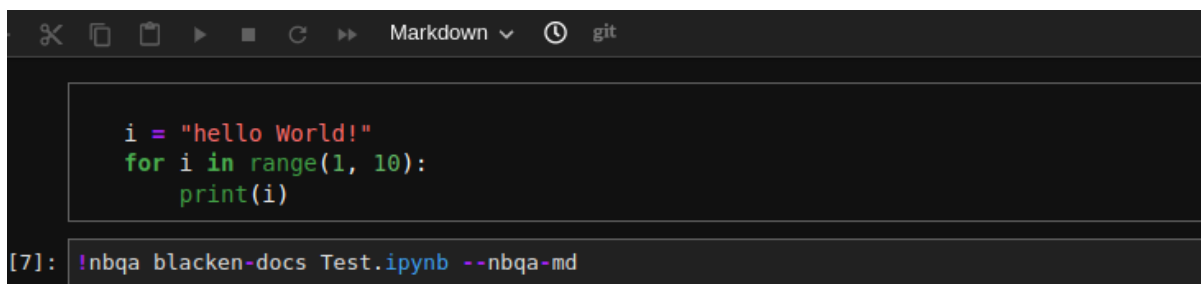
As we have written a code that was not completely formatted.



```
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. The top toolbar includes icons for copy, paste, run, and other standard Jupyter actions, 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 shell command cell, indicated by the prompt '[7]:'. It contains the command:

```
!nbqa blacken-docs Test.ipynb --nbqa-md
```