

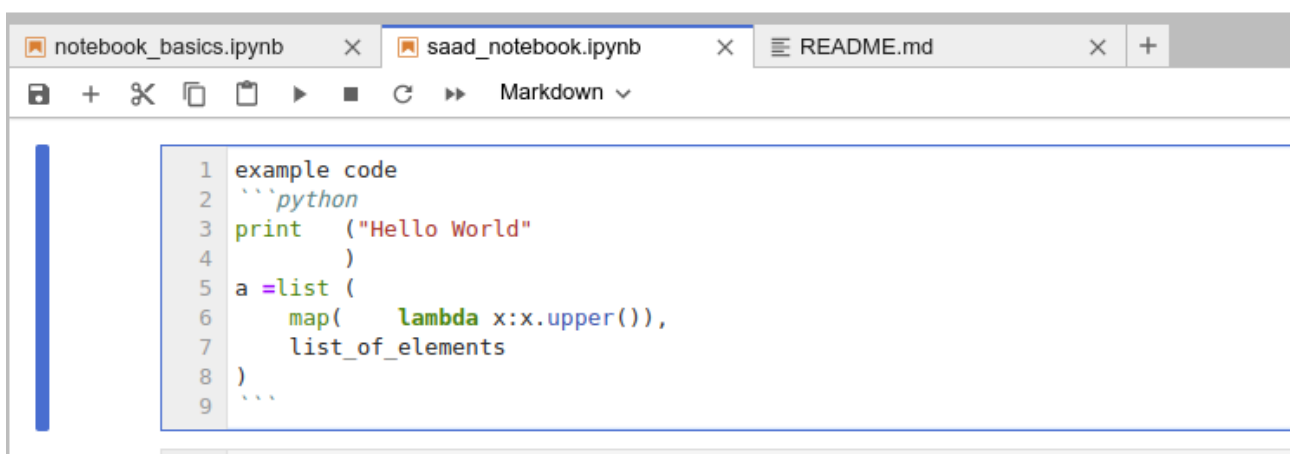
# Unit 2.1 Graded Assignment

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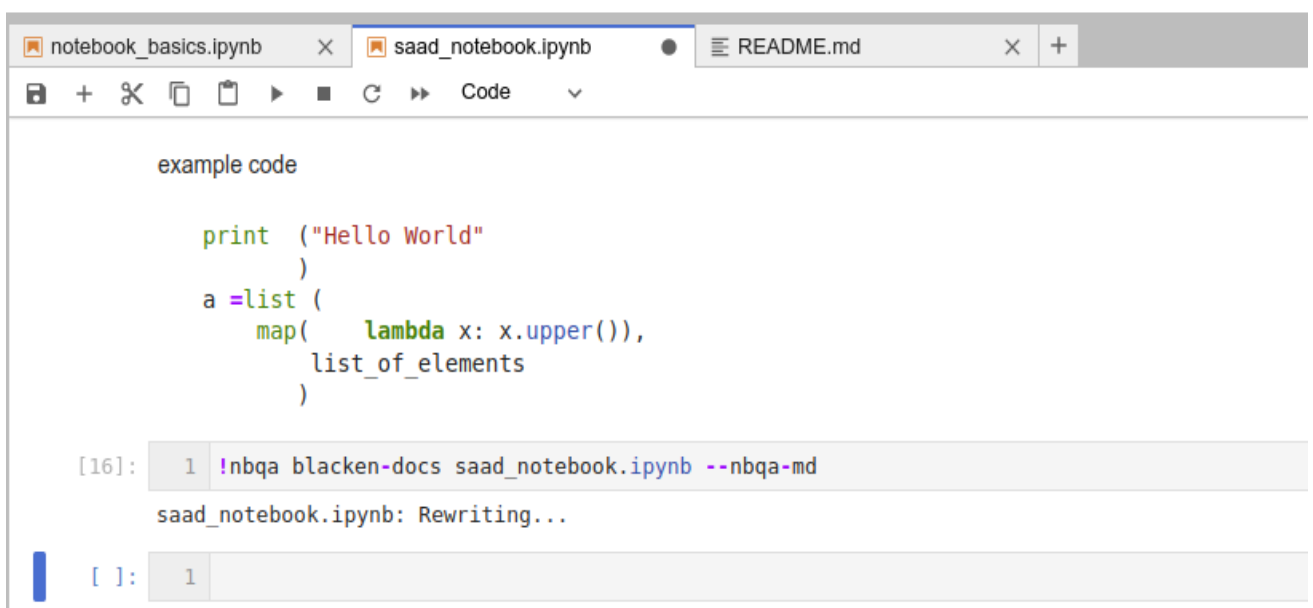
Python code snippet with incorrect formatting.



The screenshot shows a Jupyter Notebook interface with three tabs: 'notebook\_basics.ipynb', 'saad\_notebook.ipynb' (active), and 'README.md'. The active tab contains a code cell with the following Python code, which has inconsistent indentation and line numbers:

```
1 example code
2 ```python
3 print ("Hello World"
4 )
5 a =list (
6     map(     lambda x:x.upper()),
7     list_of_elements
8 )
9 ```
```

Running blacken-docs to correct it.



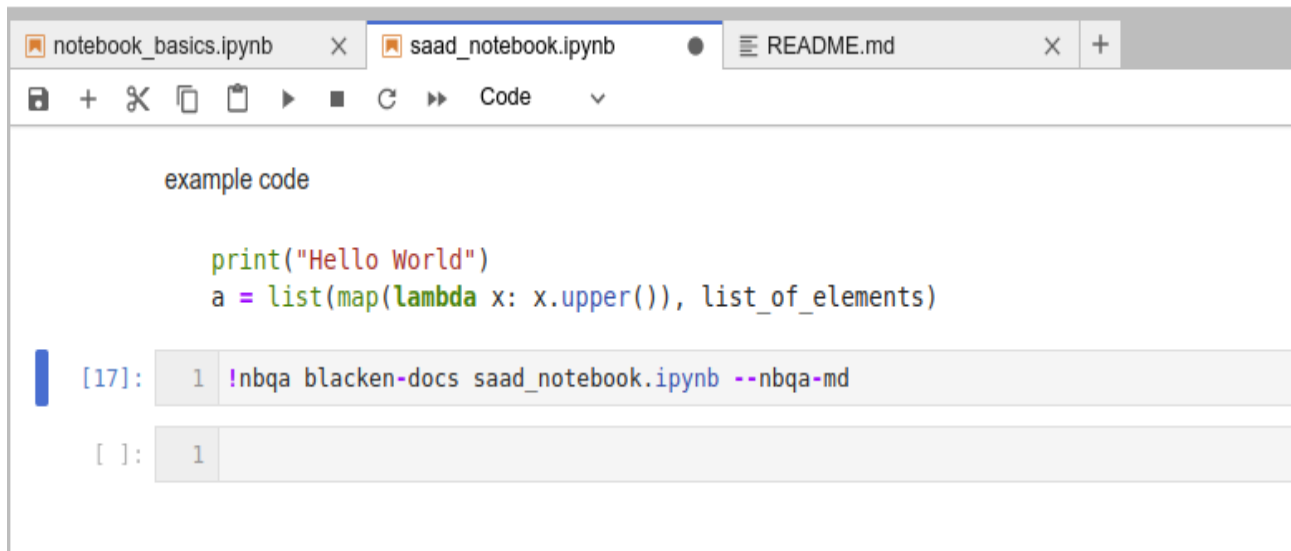
The screenshot shows the same Jupyter Notebook interface, but the code cell now displays the code with correct, consistent indentation. Below the code cell, a terminal output shows the command used to format the code:

```
[16]: 1 !nbqa blacken-docs saad_notebook.ipynb --nbqa-md
saad_notebook.ipynb: Rewriting...
```

Below the terminal output, there is a new code cell with the following content:

```
[ ]: 1
```

Code has now been formatted successfully.



The screenshot shows a Jupyter Notebook window with three tabs: 'notebook\_basics.ipynb', 'saad\_notebook.ipynb' (which is active), and 'README.md'. Below the tabs is a toolbar with icons for saving, adding, deleting, copying, pasting, running, and other actions. The main area of the notebook contains a code cell with the text 'example code' followed by two lines of Python code: `print("Hello World")` and `a = list(map(lambda x: x.upper(), list_of_elements))`. Below the code cell are two empty input cells, each with a prompt character and a '1' in a grey box, indicating they are ready for input.

```
example code

print("Hello World")
a = list(map(lambda x: x.upper(), list_of_elements))

[17]: 1 !nbqa blacken-docs saad_notebook.ipynb --nbqa-md

[ ]: 1
```