S01_T01_Jupyter_Notebook_Markdown

January 24, 2022

1 S01 T01: Jupyter Notebook & Markdown

- **Use Markdown Language**:

1.1 this is a Heading 2

1.1.1 this is a Heading 3

this is a Heading 4 with *italic font style*

1.1.2 this is a Heading 3 with bold font style

- **create a list**:

- item1
- item 2 ** item 2.1 ** item 2.2
- item 3

- **add some image**:

- **trying some simple calculations**:

1. Addition:

```
[1]: 1 + 1
```

```
[1]: 2
```

```
[2]: a = 1
     b = 2
     a + b
```

```
[2]: 3
```

2. Subtraction:

```
[3]: 2 - 1
```

```
[3]: 1
```

```
[21]: c = 2
      d = 1
```

```python
print(c - d)
```

```
1
```

3. Multiplication:

```python
[5]: 3 * 3
```

```
[5]: 9
```

```python
[18]: e = 3
      f = 3
      print(e * f)
```

```
9
```

4. Division:

```python
[15]: 3 / 3
```

```
[15]: 1.0
```

```python
[19]: print(e / f)
```

```
1.0
```

5. Modulus:

```python
[20]: 3 % 1
```

```
[20]: 0
```

```python
[22]: print(e & d)
```

```
1
```

6. Exponentiation Operator:

```python
[23]: 3 ** 2
```

```
[23]: 9
```

```python
[24]: print(e ** c)
```

```
9
```

7. Floor division :

```python
[25]: 3 // 2
```

```
[25]: 1
```

```python
[26]: print(e // c)
```

1

- **Install Nbextensions**

STEP 1: Open cmd prompt and run the following commands 1) pip install jupyter_contrib_nbextensions 2) pip install jupyter_nbextensions_configurator 3) jupyter contrib nbextension install –user 4) jupyter nbextensions_configurator enable –user

STEP 3: Open jupyter notebook - click on nbextensions tab - unckeck disable configuration for nbextensions without explicit compatibility - put a check on Hinterland step 3: Open new python file and check autocomplete feature

[ ]: