TUGAS MATA KULIAH

Data Mining

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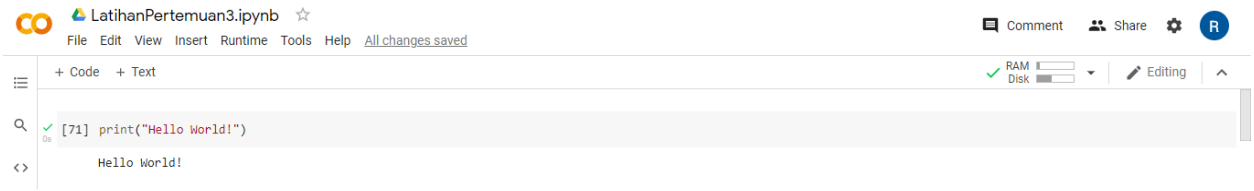
TIF K 18 CID B

SEKOLAH TINGGI TEKNOLOGI BANDUNG

2021

Latihan pertemuan 3
Hasil Praktikum Google Colab

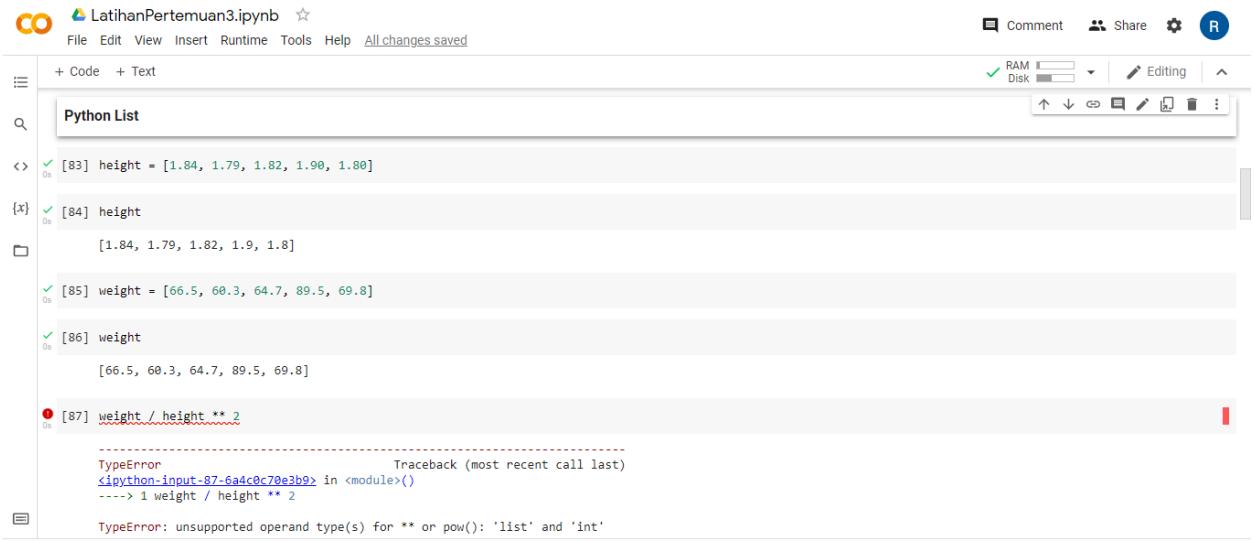
print “Hello World!”



Type data Python (data masukan untuk tipe data yang sama tanpa Python List)

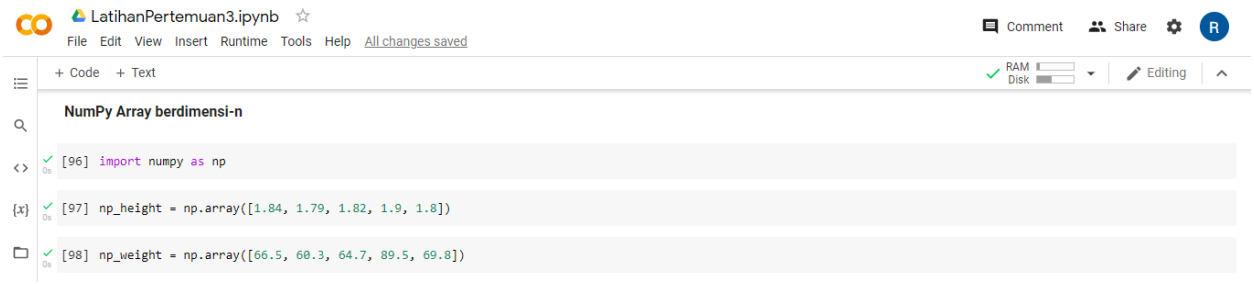
Python List [a, b, c]

Python List



NumPy

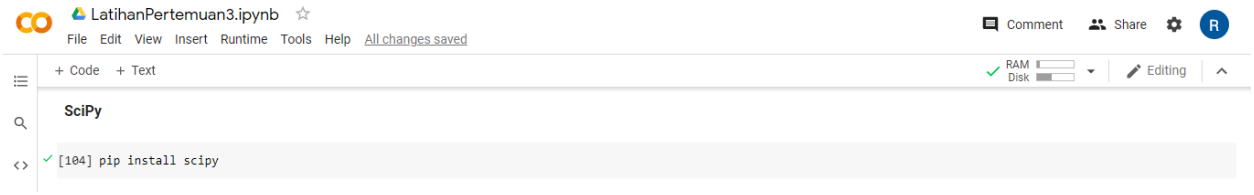
NumPy Array berdimensi-n



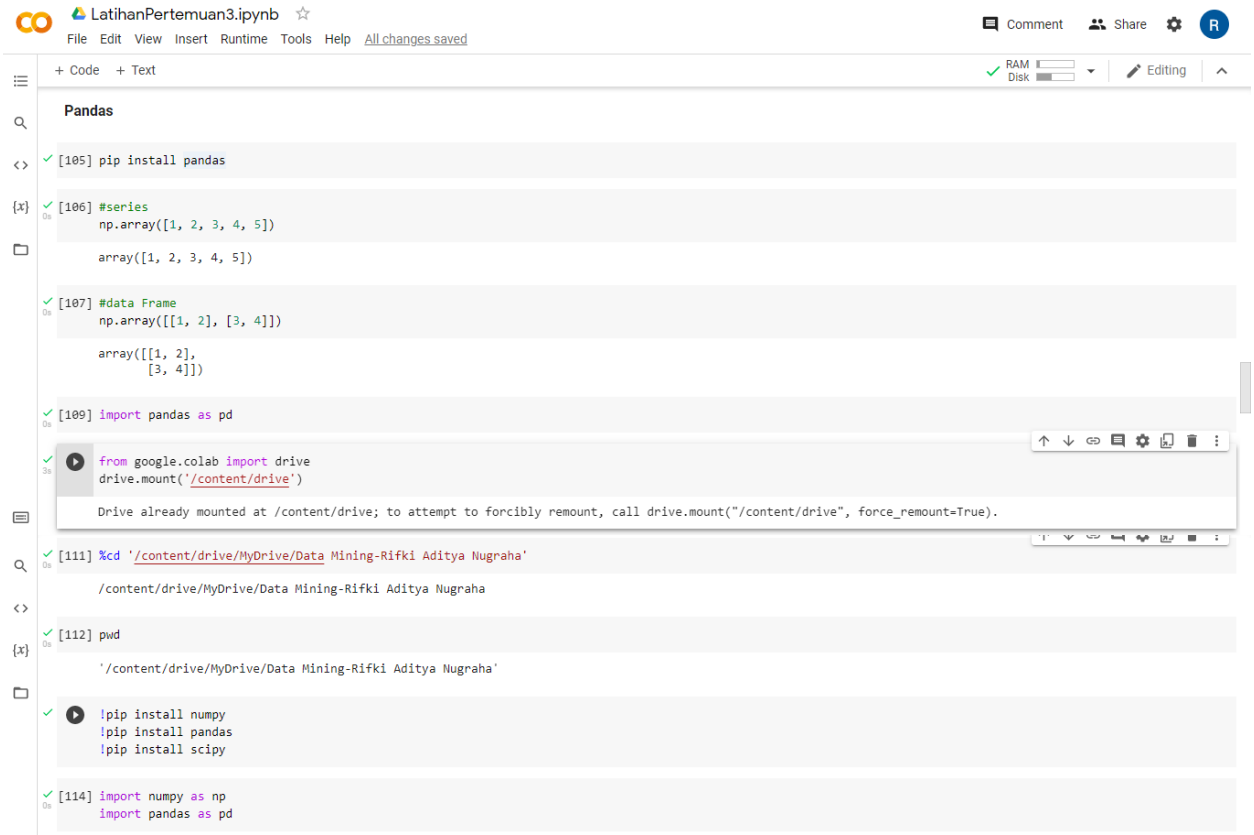
```
[99] type(np_height)

     numpy.ndarray

[100] type(np_weight)

     numpy.ndarray

[101] np_2d = np.array([[1, 2, 3, 4, 5],
                        [6, 7, 8, 9, 10]])
```

```
[102] np_2d

     array([[ 1,  2,  3,  4,  5],
            [ 6,  7,  8,  9, 10]])

[103] np_2d.shape

     (2, 5)
```

SciPy



Pandas



```
[115] df = pd.read_csv('Tab.csv', engine="python")
      display(df)
```

	Unnamed: 0	Negara	Populasi	Area	Ibukota
0	IN	Indonesia	250	123456	Jakarta
1	MA	Malaysia	25	3456	KL
2	SI	Singapura	15	456	Singapura
3	JP	Jepang	60	5678	Tokyo
4	TH	Thailand	45	678	Bangkok

```
display(df["Populasi"])
```

```
0    250
1     25
2     15
3     60
4     45
Name: Populasi, dtype: int64
```