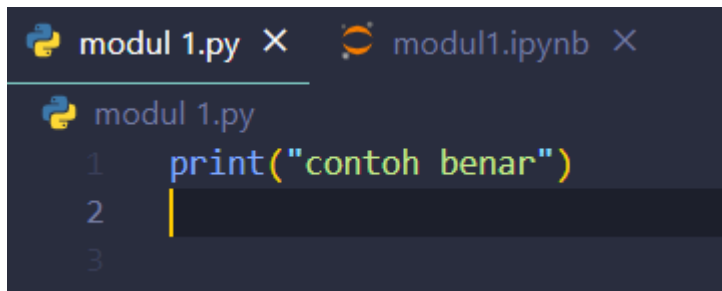


Nama : Emilia Santini

NIM : 211001035

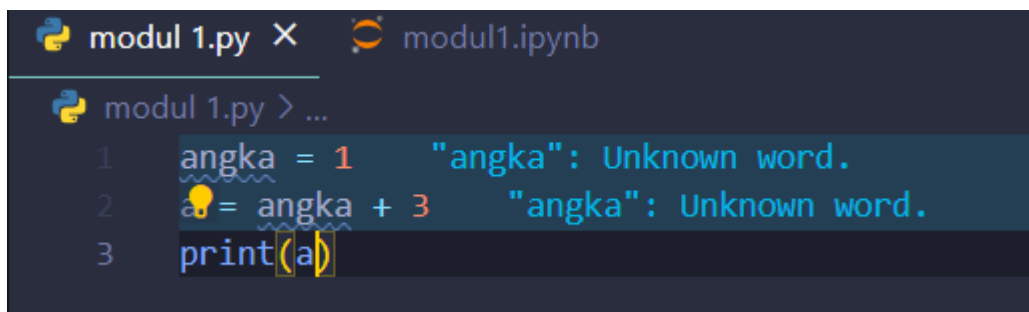
Python Modul 1

Mencetak string



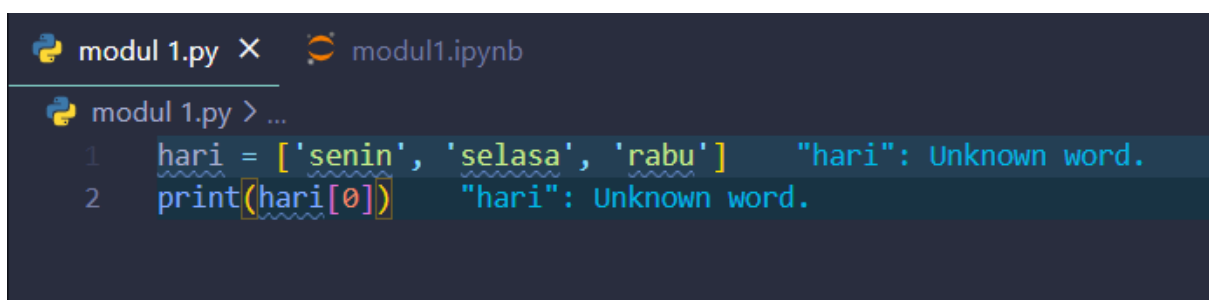
```
modul 1.py X modul1.ipynb X
modul 1.py
1 print("contoh benar")
2
3
```

Mencetak dari variable dan melakukan operasi pada sebuah variable



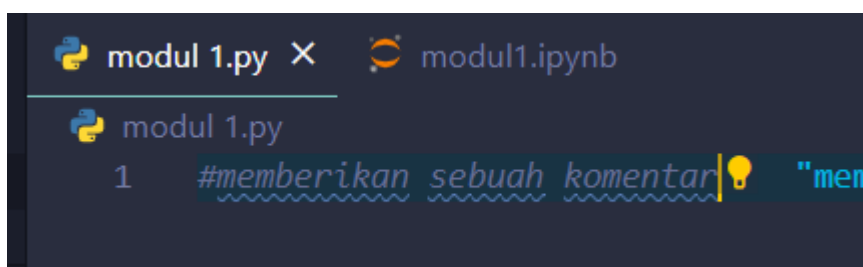
```
modul 1.py X modul1.ipynb
modul 1.py > ...
1 angka = 1 "angka": Unknown word.
2 a = angka + 3 "angka": Unknown word.
3 print(a)
```

Mencetak nilai dari sebuah list



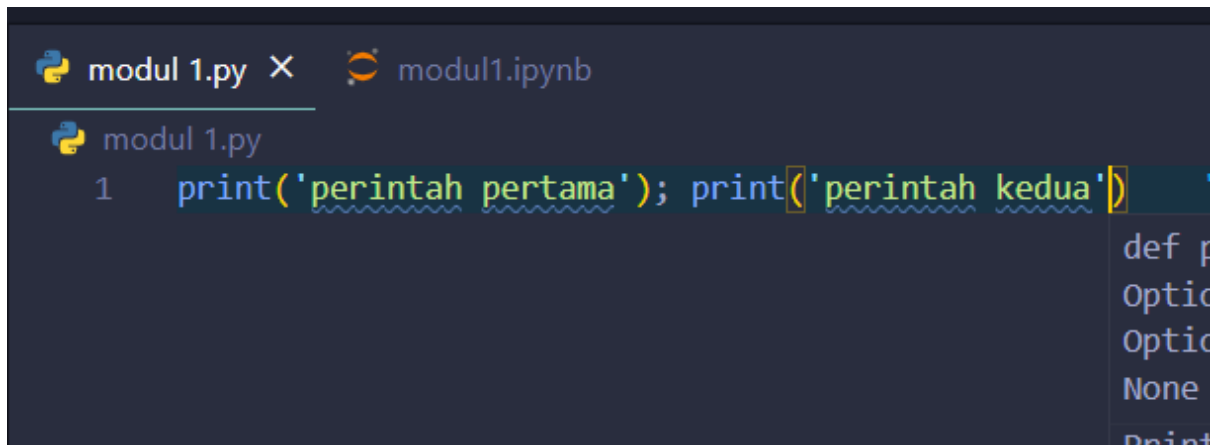
```
modul 1.py X modul1.ipynb
modul 1.py > ...
1 hari = ['senin', 'selasa', 'rabu'] "hari": Unknown word.
2 print(hari[0]) "hari": Unknown word.
```

Memberikan sebuah komentar



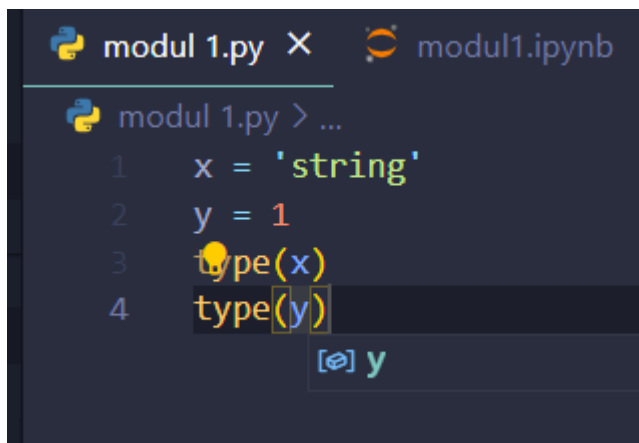
```
modul 1.py X modul1.ipynb
modul 1.py
1 #memberikan sebuah komentar
```


Membuat 2 perintah dalam satu baris



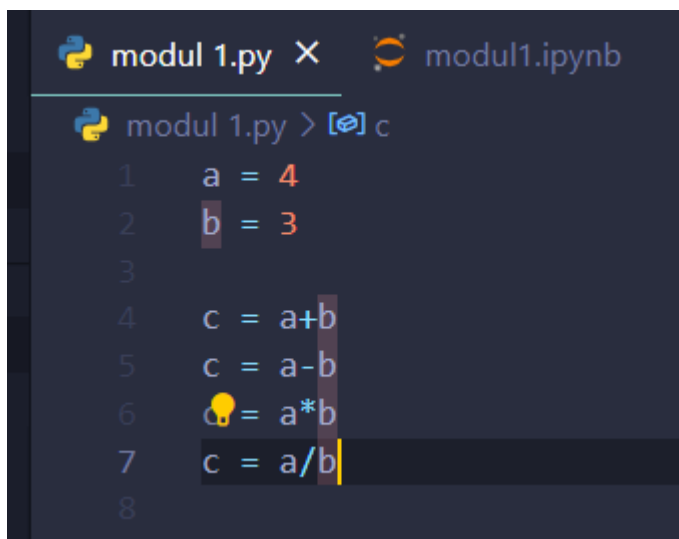
```
modul 1.py X modul1.ipynb
modul 1.py
1 print('perintah pertama'); print('perintah kedua')
```

Mencari tipe data pada sebuah variable



```
modul 1.py X modul1.ipynb
modul 1.py > ...
1 x = 'string'
2 y = 1
3 type(x)
4 type(y)
```

Operasi pada variable



```
modul 1.py X modul1.ipynb
modul 1.py > [c] c
1 a = 4
2 b = 3
3
4 c = a+b
5 c = a-b
6 c = a*b
7 c = a/b
8
```

Operator perbandingan

```
modul 1.py X modul1.ipynb
modul 1.py > [?] z
1 x = 3
2 y = 4
3 z = x > y
4 z = x < y
5 z = x >= y
6 z = x <= y
7 z = x != y
8 z = x == y
```

Modul 2

Output dengan separator

```
modul 1.py X modul1.ipynb
modul 1.py
1 print(1,2,3 , sep='*')
2 #output: 1*2*3
```

Input ke dalam sebuah variabel

```
modul 1.py X modul1.ipynb
modul 1.py > ...
1 a = input("Masukan nilai a = ") "Masukan": Unknown word.
2 b = input("Masukkan nilai b = ") "Masukkan": Unknown word.
3 print(a, b)
```

Mengubah tipe data

```
modul 1.py X modul1.ipynb
modul 1.py > [?] c
1 a = input("Masukan nilai a = ") "Masukan": Unknown word.
2 b = input("Masukkan nilai b = ") "Masukkan": Unknown word.
3
4 c = int(a)
5 c = float(a)
6 c = str(a)
```

Import library

```
modul 1.py X modul1.ipynb
modul 1.py > [?] c
1 import math
2 a = 1
3 b = 2
4
5 c = math.sqrt(a,b)
6 c = pow(a,b)
```

Menjalankan fungsi dari library

```
modul 1.py X modul1.ipynb
modul 1.py > ...
1 import math
2 a=(1,2,3)
3 print(max(a))
4 print(min(a))
5 print(round(a))
6 print(math.ceil(a))
7 print((math.floor(a)))
```

Operasi pada string

```
modul 1.py X modul1.ipynb
modul 1.py > ...
1 kata = "Hallo gaes" "kata": Unknown word.
2
3 print(len(kata)) "kata": Unknown word.
4 print(kata.index("e")) "kata": Unknown word.
5 print(kata.count("l")) "kata": Unknown word.
6 print(kata.upper()) "kata": Unknown word.
7 print(kata.lower())
8
```

List

```
modul 1.py X modul1.ipynb
modul 1.py > ...
1 list1 = []
2 list2 = [1,2,3,4,5]
3 list3 = [1,2,"halo"]
4
5 print(list1[1])
6 print(list2[1])
7 print(list3[2])
8
```