

Tutorial python 3

1. Percabangan if

```
C: > python > 00 > tutorial py3 > 📄 percabangan if.py > [🔍] is_day
1  is_day=False
2  is_night=True
3
4  if is_day:
5      print("selamat siang")
6  elif is_night:
7      print("selamat malam")
8  else:
9      print("selamat sore")
10 print("selamat menikmati harimu")
```

```
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py3/percabangan if.py"
selamat malam
selamat menikmati harimu
PS C:\Users\Zakaria>
```

2. Operator perbandingan

```
C: > python > 00 > tutorial py3 > 📄 operator perbandingan.py > [🔍] grade
1  grade=7.5
2
3  if grade>=8:
4      print("nilai kamu A")
5  elif grade>=7:
6      print("nilai kamu B")
7  elif grade>=6:
8      print("nilai kamu C")
9  else :
10     print("silahkan belajar lagi dengan tekun")
```

```
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py3/operator perbandingan.py"
nilai kamu B
PS C:\Users\Zakaria>
```

3. Operator logika

```
C: > python > 00 > tutorial py3 > operator logika.py > name
1  name="zakaria"
2  by_pass_validation=True
3
4  if len(name)>3 and by_pass_validation:
5      print("welcome")
6  else:
7      print("nama terlalu pendek")
```

```
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py3/operator logika.py"
welcome
PS C:\Users\Zakaria>
```

4. Perulangan while

```
C: > python > 00 > tutorial py3 > perulangan while.py > ...
1  index=1
2
3  while index<=5:
4      print("***index")
5      index+=1
6
7  print("finish")
```

```
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py3/perulangan while.py"
*
**
***
****
*****
finish
PS C:\Users\Zakaria>
```

5. Game tebak angka

```
C: > python > 00 > tutorial py3 > game tebak angka.py > trying
1  trying=0
2  secret_number=2
3  limit=3
4
5  while trying<limit:
6      guess_number=input("masukkan angka (1-9): ")
7      guess_number=int(guess_number)
8
9      if guess_number==secret_number:
10         print("selamat, kamu menang")
11         break
12  trying+=1
```

```

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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py3/game tebak angka.py"
masukkan angka (1-9): 3
masukkan angka (1-9): 4
masukkan angka (1-9): 2
selamat, kamu menang
PS C:\Users\Zakaria>

```

6. Aplikasi kalkulator

```

C: > python > 00 > tutorial py3 > kalkulator.py > ...
1  command=""
2
3  while command!="exit":
4      command=input("perintah : ")
5
6      if command=="exit":
7          break
8      if command!="+" and command!="-" and command!="*" and command!="/:
9          print("perintah tidak dikenali")
10         continue
11
12     a=int(input("angka pertama : "))
13     b=int(input("angka kedua : "))
14
15     if command=="+":
16         result=a+b
17     if command=="-":
18         result=a-b
19     if command=="*":
20         result=a*b
21     if command=="/":
22         result=a/b
23
24     print(f"hasil : {result}")

```

```

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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py3/kalkulator.py"
perintah : tambah
perintah tidak dikenali
perintah : +
angka pertama : 1
angka kedua : 2
hasil : 3
perintah : -
angka pertama : 4
angka kedua : 3
hasil : 1
perintah : *
angka pertama : 90
angka kedua : 21
hasil : 1890
perintah : /
angka pertama : 21
angka kedua : 7
hasil : 3.0
perintah : exit
PS C:\Users\Zakaria>

```