

## Tutorial python 2

### 1. String

```
C: > python > 00 > tutorial py2 > string.py > name
1  name="Zakaria"
2  print(name[0])
3  print(name[-2])
4  print(name[0:3])
5  print(name[4:])
6  print(name[:4])
7  print(name[:])
```

```
Windows PowerShell
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py2/string.py"
Z
i
Zak
ria
Zaka
Zakaria
PS C:\Users\Zakaria>
```

### 2. Formatted string

```
C: > python > 00 > tutorial py2 > formatted string.py > ...
1  first_name="zakaria"
2  last_name="zkr"
3  message=f"{first_name}[{last_name}]"
4  print(message)
5
6  age=20
7  message=f"umur kamu {age}"
8  print(message)
```

```
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py2/formatted string.py"
zakaria[zkr]
umur kamu 20
PS C:\Users\Zakaria>
```

### 3. String method

```
C: > python > 00 > tutorial py2 > string method.py > course
1  course="belajar python bareng Agung Setiawan"
2  length=len(course)
3  language="python"
4  print(language in course)
5  print(length)
6  print(course.upper())
7  print(course.lower())
8  print(course.capitalize())
9  print(course.title())
10 print(course.replace("python","javascript"))
```

```
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py2/string method.py"
True
36
BELAJAR PYTHON BARENG AGUNG SETIAWAN
belajar python bareng agung setiawan
Belajar python bareng agung setiawan
Belajar Python Bareng Agung Setiawan
belajar javascript bareng Agung Setiawan
PS C:\Users\Zakaria>
```

### 4. Matematika

```
C: > python > 00 > tutorial py2 > matematika.py > x
1  x=6
2  y=3
3
4  print(x+y)
5  print(x-y)
6  print(x*y)
7  print(x**y)
8  print(x/y)
9  print(x//y)
10 x+=5
11 print(x)
```

```
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py2/matematika.py"
9
3
18
216
2.0
2
11
PS C:\Users\Zakaria>
```

## 5. Operator precedence

```
C: > python > 00 > tutorial py2 > operator precedence.py > ...  
1  number=(2+10)*5**2  
2  print(number)
```

```
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py2/operator precedence.py"  
300  
PS C:\Users\Zakaria>
```

## 6. Math module

```
C: > python > 00 > tutorial py2 > math module.py > ...  
1  import math  
2  number=6.7  
3  
4  number1=round(number)  
5  print(number1)  
6  
7  number2=math.ceil(number)  
8  print(number2)  
9  
10 number3=math.floor(number)  
11 print(number3)
```

```
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PS C:\Users\Zakaria> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe "c:/python/00/tutorial py2/math module.py"  
7  
7  
6  
PS C:\Users\Zakaria>
```