



Python CheatSheet

Print

```
print('Hello World!')  
print(1000)  
print(3.14)  
print(True)
```

Comments

```
# I'm a comment!  
  
print('Gabby') # I'm also one T.T
```

Variables

```
secret_num = 42          # int  
gravity = 9.81           # float  
username = '@snoopdogg'  # str  
earth_is_flat = False    # bool
```

Arithmetic Operations

```
sum = 23 + 18  
difference = 30 - 8  
product = 10 * 2.5  
quotient = 81 / 9  
remainder = 76 % 4  
exponent = 2 ** 3
```

User Input

```
username = input('Enter your name: ')  
age = int(input('Enter your age: '))
```

String Interpolation

```
print(f'The square of {i} is {i*i}')
```

Control Flow

```
if grade >= 90:  
    print('A')  
elif grade >= 80:  
    print('B')  
elif grade >= 70:  
    print('C')  
else:  
    print('D')
```

Relational Operators

```
a == b  # equal to  
a != b  # not equal to  
a > b   # greater than  
a < b   # less than  
a >= b  # greater than or equal to  
a <= b  # less than or equal to
```

Random Number

```
import random  
  
num = random.randint(1, 9)
```

Logical Operators

```
a and b # True if both are true  
a or b  # True if at least one is True  
not a   # True if a is false
```

Loops

```
# While loop  
while coffee < 1:  
    print('Tired of Python 😴')  
  
# For loop  
for i in range(10):  
    print(i)
```