

# Static method

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In [ ]: import datetime
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In [ ]: now = datetime.datetime.now()
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In [ ]: print(now, type(now))
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In [ ]: KST = datetime.timezone(datetime.timedelta(hours=9))
```

```
In [ ]: KST
```

```
In [ ]: oop_day = datetime.datetime(2021, 1, 27, tzinfo=KST)
```

```
In [ ]: oop_day
```

```
In [ ]: oop_day.tzname()
```

# class method?

```
In [1]: class Person:
        population = 0

        def __init__(self):
            Person.population += 1

        @classmethod
        def get_population(cls):
            # 애는 자식 클래스가 아무리 호출해도 Person의 인구
            print(Person.population)

        class Student(Person):
            population = 0

            def __init__(self):
                super().__init__()
                Student.population += 1

        # p1 = Person()
        # s1 = Student()
        # Person.get_population() # 결과 2
        # Student.get_population() # 결과 2
```

```
In [ ]: class Person:
        population = 0

        def __init__(self):
```

```
    Person.population += 1

    @classmethod
    def get_population(cls):
        # cls는 호출시 파이썬이 클래스를 넘겨줌
        # 그래서 Student.get_population()은 Student.population을 출력할 것
        # Person.get_population()은 Person.population을 출력할 것!
        print(cls.population)

class Student(Person):
    population = 0

    def __init__(self):
        super().__init__()
        Student.population += 1

# p1 = Person()
# s1 = Student()
# Person.get_population() # 결과 2
# Student.get_population() # 결과 1 <<<<<< 다르다!
```