EX_08_클래스_1 - 설명

다음 이해해야 함

class 개념

object 개념

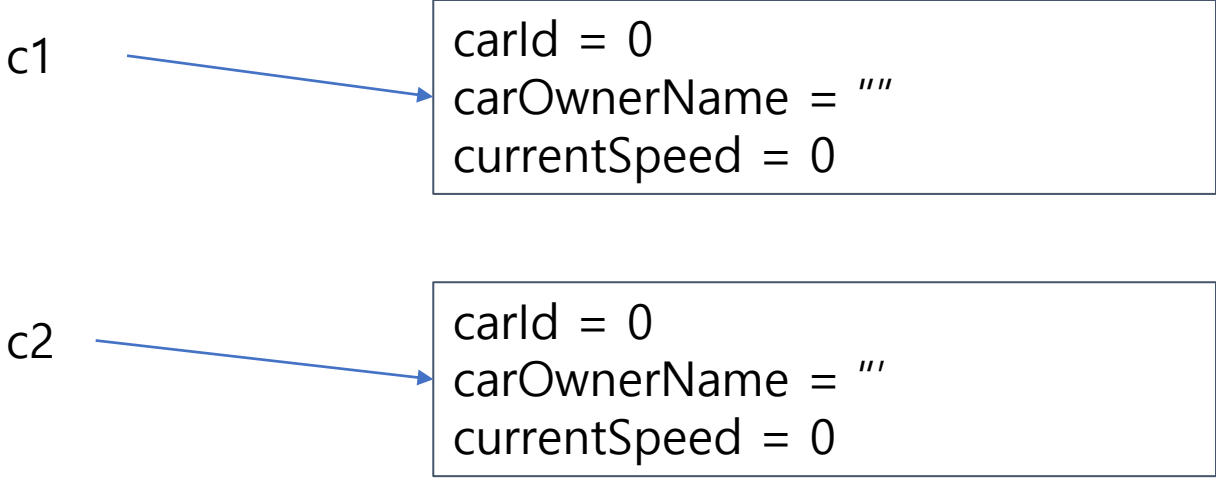
```
class Car() :
    carId = 0                   # 자동차등록번호
    carOwnerName = ""     # 차주인 이름
    currentSpeed = 0        # 현재 자동차 속도



# Car 클래스는 Car 객체(인스턴스) 생성 틀
```

c1 = Car()

c2 = Car()



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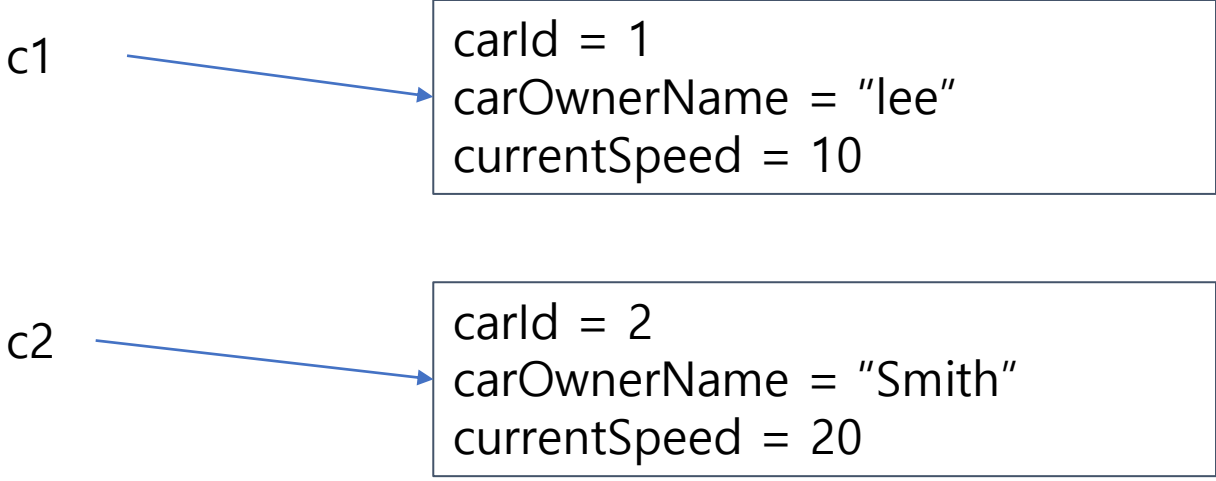
```
c1 = Car()
c1.carId = 1
c1.carOwnerName = "lee"
c1.currentSpeed = 10
```

```
c2 = Car()
c2.carId = 2
c2.carOwnerName = "Smith"
c2.currentSpeed = 20
```



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EX_08_클래스_2 - 설명

다음 이해해야 함
class 개념
object 개념
constructor 개념

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```
class Car() :
    carId = 0                   # 자동차등록번호
    carOwnerName = ""     # 차주인 이름
    currentSpeed = 0        # 현재 자동차 속도

    #constructor
    def __init__   (self,    id   , ownerName   ) :
        self.carId = id
        self.carOwnerName = ownerName



# Car 클래스는 Car 객체(인스턴스) 생성 틀
```

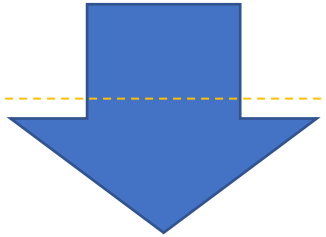
```
c1 = Car(1,"lee")
```

c1

```
carId = 0
carOwnerName = ""
currentSpeed = 0
```

```
def __init__(self, id , ownerName ) :
        self.carId = id
        self.carOwnerName = ownerName
```

1. 객체 생성



c1

```
carId = 1
carOwnerName = "lee"
currentSpeed = 0
```

```
def __init__(self, id , ownerName ) :
        self.carId = id
        self.carOwnerName = ownerName
```

2. Constructor 호출

__init__(self , 1, "lee")

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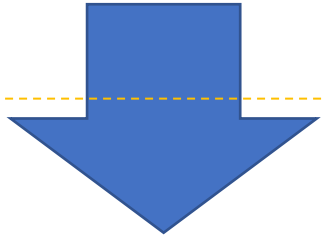
c2 = Car(2,"Smith")

c2

carId = 0
carOwnerName = ""
currentSpeed = 0

def __init__(self, id , ownerName) :
    self.carId = id
    self.carOwnerName = ownerName

1. 객체 생성



carId = **2**
carOwnerName = **"Smith"**
currentSpeed = 0

c2

def __init__(self, id , ownerName) :
    self.carId = id
    self.carOwnerName = ownerName

2. Constructor 호출

__init__(self , 2, "Smith")

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EX_08_클래스_3 - 설명

다음 이해해야 함

class 개념

object 개념

constructor 개념

method 개념

```
class Car() :
    carId = 0                   # 자동차등록번호
    carOwnerName = ""     # 차주인 이름
    currentSpeed = 0        # 현재 자동차 속도

    #constructor
    def __init__    (self,    id   , ownerName   ) :
        self.carId = id
        self.carOwnerName = ownerName


    #method  #클래스 안 함수(즉, 객체에 생성되는 함수)를 method라고 부름
            #클래스 안 함수는 반드시 self 가 반드시 첫번째 parameter로 있어야

    def printInfo(self) :
        print(self.carId, self.carOwnerName, self.currentSpeed)

    def getCarOwnerName(self) :
        return self.carOwnerName

    def setSpeed(self, s) :
        self.currentSpeed = s
```

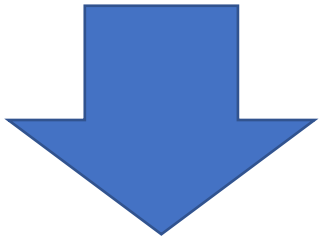
```
c1 = Car(1,"lee")
```

c1

```
carId = 0
carOwnerName = ""
currentSpeed = 0
```

```
def __init__(self, id  , ownerName  ) :
        self.carId = id
        self.carOwnerName = ownerName
def printInfo(self) :
        print(self.carId, self.carOwnerName, self.currentSpeed)
def getCarOwnerName(self) :
        return self.carOwnerName
def setSpeed(self, s) :
        self.currentSpeed = s
```

1. 객체 생성



2. Constructor 호출

__init__(self , 1, "lee")

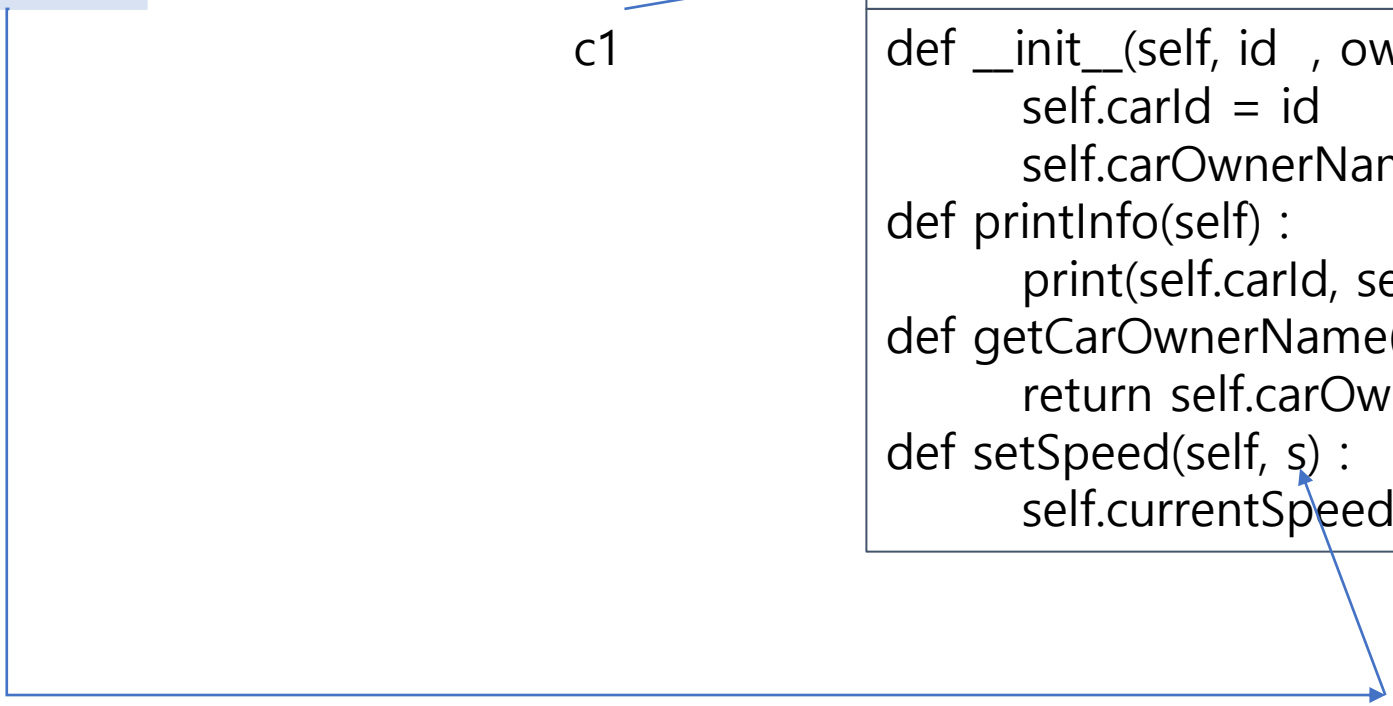
c1

```
carId = 1
carOwnerName = "lee"
currentSpeed = 0
```

```
def __init__(self, id  , ownerName  ) :
        self.carId = id
        self.carOwnerName = ownerName
def printInfo(self) :
        print(self.carId, self.carOwnerName, self.currentSpeed)
def getCarOwnerName(self) :
        return self.carOwnerName
def setSpeed(self, s) :
```

```
c1 = Car(1,"lee")

c1.setSpeed(11111)
```



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