


```
int func(int arg1, int defaultArg = 20,  
        int defaultArg2 = 40) {  
    return arg1+defaultArg+defaultArg2;  
}  
...  
func(5)  
func(5, 20, 30)
```

```
def func(arg1, defaultArg = 2,  
        defaultArg2 = 40):  
    return arg1+defaultArg+defaultArg2  
...  
func(5)  
func(5, defaultArg2 = 30)
```

```
class Base {  
public:  
    Base(int initArg) {}  
    virtual int method(int mArg) {}  
private:  
};  
  
Base* b = new Base(5);  
b->method(3)
```

```
class Base: self,  
    def __init__(initArg): pass  
    def method(mArg): pass  
  
b = Base(5) self,  
b.method(3)
```

```
class Derived: public Base {  
public:  
    Derived(int initArg) {}  
};
```

```
class Derived(Base):  
    def __init__(initArg): pass  
self,
```