C, C++, DSA in depth

Call by object & returning object

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Agenda

① An example to understand

     − call by Object

     − returning Object

Call by Object

ReturnType FunctionName(ClassName object);

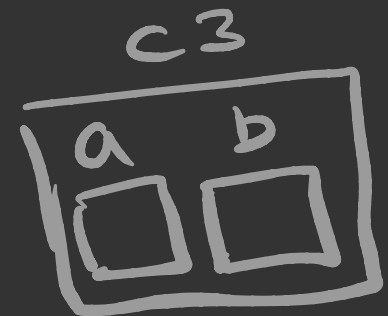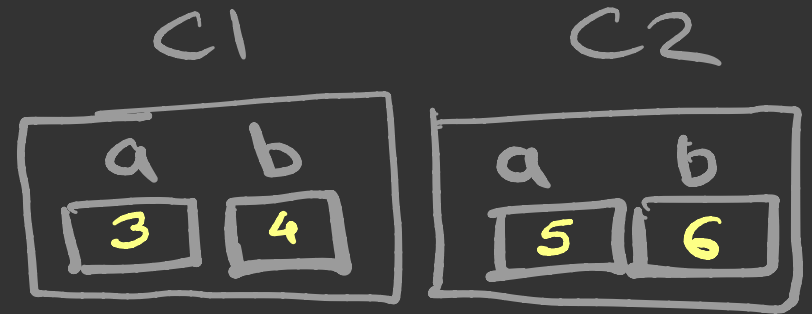# Returning Object

className   FunctionName ( ) ;

Define complex class with appropriate members. Also define a function to add two complex numbers.

```
Complex C1,C2,C3;
C1.setData(3,4);
C2.setData(5,6);
C3=C1+C2;
```

C1

a	b
3	4

C2

a	b
5	6

C3

a	b

$$3+4i$$
$$5+6i$$
$$\overline{}$$
$$8+10i$$