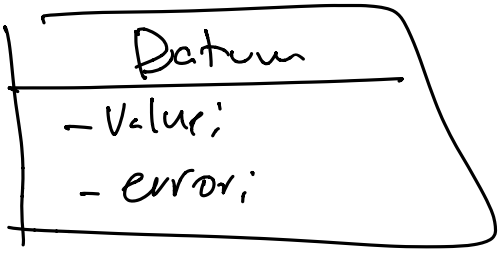
```
Student    S("tizio");
Cout << S.name() << endl;
Cout << "student name: " << S.name()
     << endl;

student    p("paolo");
Cout << "student name: " << p.name()
  << endl;

S.print();
p.print();
```

S and p have the same behaviour.

$\varepsilon = 0.92 \pm 0.3$

Datum eps(0.92, 0.3)




```
Cout << "datum value: " << eps.value()
     << " +/- " << eps.error() << endl;
```

```
eps.print(); // obtain same behaviour.

eps.setValue(0.63);
eps.setError(0.59);
eps.print() ; // different output

double signif = eps.value() / eps.error();
```

assumption: Gaussian distrib.

```
cout << eps.significance() << endl;
```

```
Counter Ci
C.increment();
C.increment(5)
```

∅
1
6

Implement decrease( )

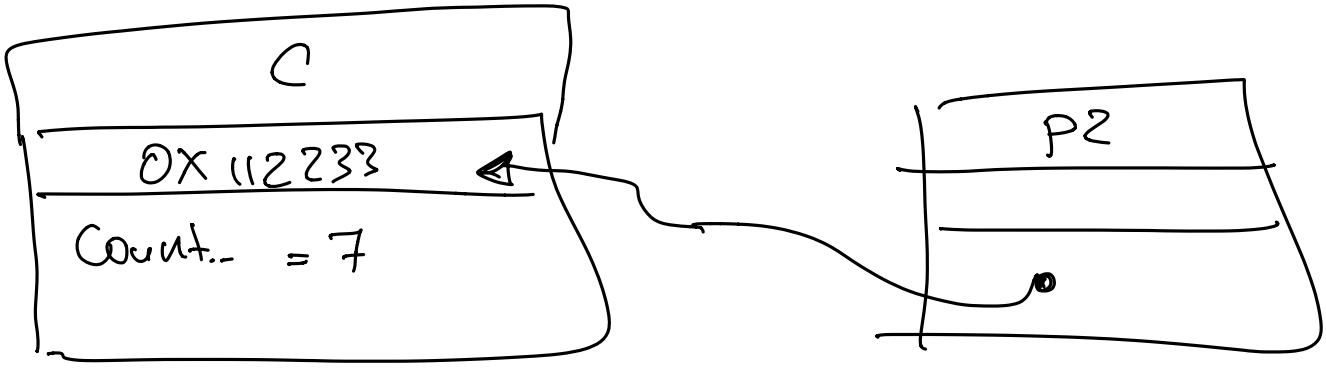
```
int i = 2;
int * p = &i;
Counter* p2 = &Ci;
```

by value: C.value() → same function

by pointer: p2 -> value()

object

p2 : pointer to object

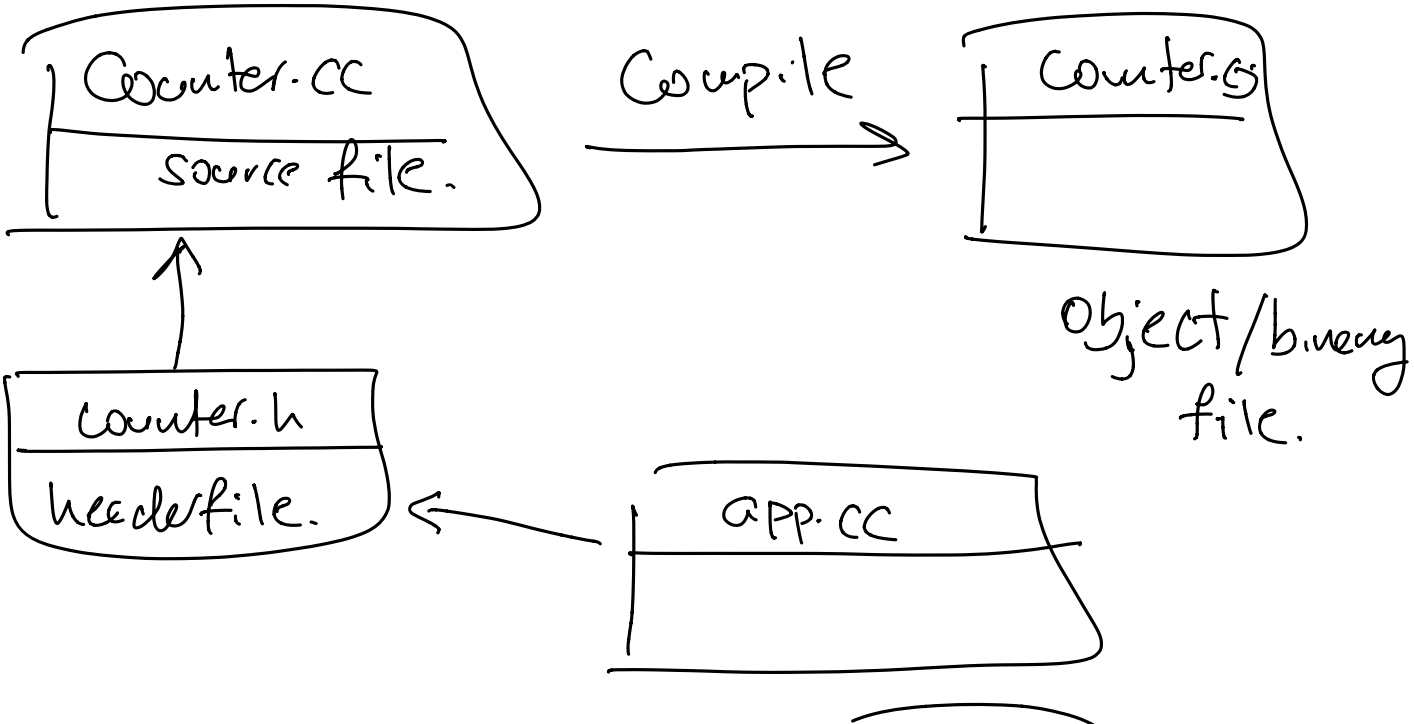


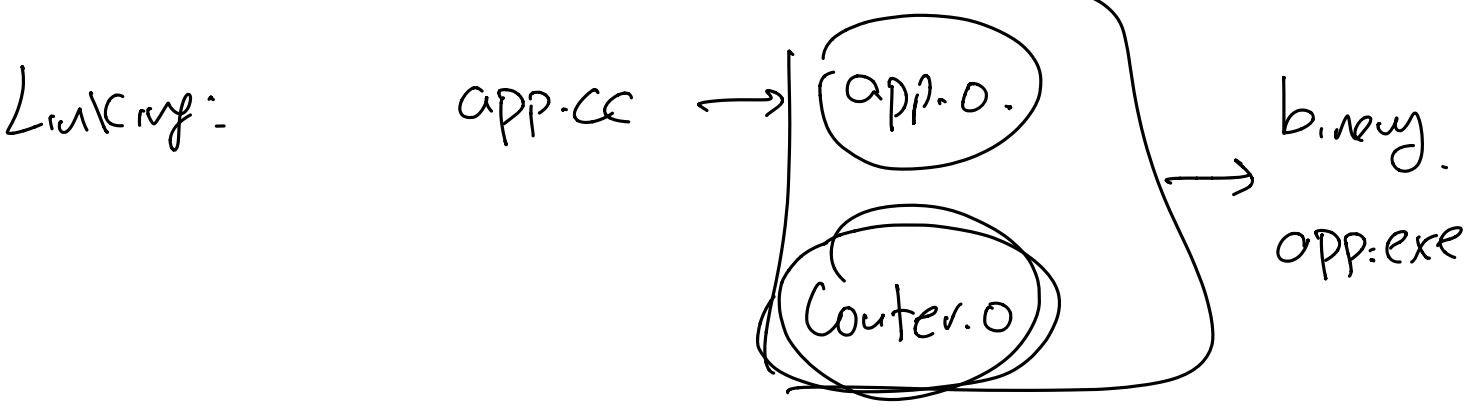
C.value()

p2 → value()

(*p2).value()

Same result.





Including header files

```
#include "Datum.h"

#include <vector>
```

↳ system or C++ header.