

## private - Ableitung

```
#include <iostream>    // private1.cpp
using namespace std;

class Y { public: Y(long w=20L):y(w){ y++; }
          long y;
};

class X : private Y {
    public: X(long w=0L):x(w){};    // Y(20) implizit !
          long x;
          void aus(){ cout<<"y="<<y<<endl;}
};

void main(){ Y yps(5L);
             cout<<"Y.y = "<<yps.y<<endl;
             X ix(7L);
             // cout<<"X.y = "<<ix.y<<endl;    //Fehler, weil private-Ableitung
             cout<<"X.x = "<<ix.x<<endl;
             ix.aus();
             cin.ignore();
}

Y.y = 6
X.x = 7
y   = 21
```