**protected** **and other two accessors**

https://stackoverflow.com/questions/860339/difference-between-private-public-and-protected-inheritance

class A

{

public:

int x;

protected:

int y;

private:

int z;

};

class B : public A

{

// x is public

// y is protected

// z is not accessible from B

};

class C : protected A

{

// x is protected

// y is protected

// z is not accessible from C

};

class D : private A // 'private' is default for classes

{

// x is private

// y is private

// z is not accessible from D

};

**Important notes:**

* When a base class is being inherited, its members in **public** and **protected** can be inherited, and not the members in private
* And in a normal case, like when declaring B or C, their protected variables cannot be accessed