Sunday, September 12, 2021 1:11 PM

```
#ifndef DERIVED_H_
#define DERIVED_H_
#include "Base.h"
class Derived : public Base {
                               Derived VFT
public:
                                  £2()
  void f2();
  void f3();
                                  F3()
  virtual void f6( );
                                  F6()
private:
  void f1( );
                                  E1()
  void f5( );
                                   £5()
#endif /* DERIVED_H_ */
                                   F4()
                                   £000()
                                   foo 1 ()
```

```
#include <iostream>
#include "Derived.h"

void Derived::f3() {
    std::cout << "Derived::f3" << std::endl;
}

void Derived::f5() {
    std::cout << "Derived::f5" << std::endl;
}

void Derived::f6() {
    std::cout << "Derived::f6" << std::endl;
}

void Derived::f1() {
    std::cout << "Derived::f1" << std::endl;
}

void Derived::f2() {
    std::cout << "Derived::f2" << std::endl;
}
</pre>
```

```
#ifndef BASE_H_
#define BASE_H_
class Base {
public:
  virtual void f3();
  virtual void f4( );

←
  virtual void f5( );
  virtual void foo0( );
  virtual void foo1( );
  virtual void foo2();
private:
  virtual void f0();
  virtual void f1( );
  virtual void f2( );
};
#endif /* BASE_H_ */
```

```
Base UFT

F3()

F4()

F5()

F001()

F002()

F1()

F2()
```

too 2 ()

```
#include <iostream>
  #include "Base.h"
  void Base::f3( ) {
     std::cout << "Base::f3" << std::endl;</pre>
void Base::f4( ) {
    std::cout << "Base::f4" << std::endl;</pre>
 void Base::f5( ) {
     std::cout << "Base::f5" << std::endl;</pre>
V void Base::foo0( ) {
     std::cout << "Base::foo0" << std::endl;</pre>
void Base::foo1( ) {
     std::cout << "Base::foo1" << std::endl;</pre>
     f1();
void Base::foo2( ) {
     std::cout << "Base::foo2" << std::endl;</pre>
     f2();
 void Base::f0( ) {
   std::cout << "Base::f0" << std::endl;</pre>
  void Base::f1( ) {
     std::cout << "Base::f1" << std::endl;</pre>
  void Base::f2( ) {
     std::cout << "Base::f2" << std::endl;</pre>
```