

```

class A{
public:
    A() {
        cout<<"Ctor A"<<endl;
    }
    void f() {cout<<"af"<<endl;t();}
    void t() {cout<<"at"<<endl;}
    void k() {cout<<"ak"<<endl;}
    ~A() {cout<<"Dtor A"<<endl;}
};

class B : public A{
public:
    B() {
        cout<<"Ctor B"<<endl;
    }
    void k() {cout<<"bk"<<endl;}
    virtual void t() {cout<<"bt"<<endl;k();}
    virtual void m() {cout<<"bm"<<endl;f();}
    ~B() {cout<<"Dtor B"<<endl;}
};

```

```

class C : public B{
public:
    C() {
        cout<<"Ctor C"<<endl;
    }
    virtual void k() {cout<<"ck"<<endl;f();}
    ~C() {cout<<"Dtor C"<<endl;}
};

```

```

class E : public C{
public:
    E() {
        cout<<"Ctor E"<<endl;
    }
    virtual void f() {cout<<"ef"<<endl;t();}
    void t() {cout<<"et"<<endl;k();}
    ~E() {cout<<"Dtor E"<<endl;}
};

```

A::VTBL

B::VTBL

B::t()

B::m()

C::VTBL

B::t()

B::m()

C::k()

E::VTBL

E::t()

B::m()

C::k()

E::f()