1)abstract class:

#include<iostream>

using namespace std;

class animal

{

public:

virtual void eat()=0;

};

class dog:public animal

{

public:

void eat()

{

cout<<"dog eats meat"<<endl;

}

};

class cat:public animal

{

public:

void eat()

{

cout<<"cat eats curdrice"<<endl;

}

};

int main()

{

cat c1;

dog d1;

c1.eat();

d1.eat();

return 0;

}

