8.3) Develop a C++ program to illustrate Virtual Base Class.

Program:

#include<iostream>

using namespace std;

class A

{

public:

void showA()

{

cout<<"method of class A"<<endl;

}

};

class B:virtual public A

{

public:

void showB()

{

cout<<"method of class B"<<endl;

}

};

class C:virtual public A

{

public:

void showC()

{

cout<<"method of class C"<<endl;

}

};

class D:virtual public B,public C

{

public:

void showD()

{

cout<<"method of class D"<<endl;

}

};

int main()

{

D d;

d.showA();

d.showB();

d.showC();

d.showD();

return 0;

}

Output:

