9.1)Develop a c++ program to illustrate virtual functions.

Program:

#include <iostream>

using namespace std;

class base {

public:

virtual void print()

{

cout << "print base class" << endl;

}

void show()

{

cout << "show base class" << endl;

}

};

class derived : public base {

public:

void print()

{

cout << "print derived class" << endl;

}

void show()

{

cout << "show derived class" << endl;

}

};

int main()

{

base\* bptr;

derived d;

bptr = &d;

bptr->print();

bptr->show();

return 0;

}

Output:

