Question:write a program to swap using pass by value and pass by reference.

#include <iostream>

using namespace std;

void test(int a){

cout<<"x is"<<a<<endl;

}

void test(int a,int b=7){

cout<<"x is"<<a<<endl<<"y is"<<b<<endl;

}

int main()

{

int x=5,y=7;

test(x);

test(x,y);

return 0;

}

**Code for virtual function:**

#include <iostream>

using namespace std;

class A{

int x=5;

public:

void display(){

std::cout<<"value of x is:"<<x<<std::endl;

}

};

class B:public A{

int y=10;

public:

void display(){

std::cout<<"value of y is:"<<y<<std::endl;

}

};

int main()

{

A \*a;

B b;

a=&b;

a->display();

return 0;

}