Week 10-11

Q4. Program with multiple inheritance eg. Class parent1, parent2, child

#include <iostream>

using namespace std;

class ClassA { // First base class

public:

void displayA() {

cout << "Class A" << endl;

}

};

class ClassB { // Second base class

public:

void displayB() {

cout << "Class B" << endl;

}

};

class Derived : public ClassA, public ClassB { // Derived from both ClassA and ClassB

public:

void displayBoth() {

displayA(); // Call method from ClassA

displayB(); // Call method from ClassB

cout << "Derived Class" << endl;

}

};

int main() {

Derived d; // Create an object of derived class

d.displayBoth(); // Call method that displays messages from both base classes

return 0;

}