Week 10-11

Q5. Program with multilevel inheritance eg. Class grandparent, parent, child

#include <iostream>

using namespace std;

class Grandparent { // Grandparent base class

public:

void displayGrandparent() {

cout << "Grandparent Class" << endl;

}

};

class Parent : public Grandparent { // Parent inherits from Grandparent

public:

void displayParent() {

cout << "Parent Class" << endl;

}

};

class Child : public Parent { // Child inherits from Parent

public:

void displayChild() {

cout << "Child Class" << endl;

}

};

int main() {

Child c; // Create an object of Child class

c.displayGrandparent(); // Call method from Grandparent

c.displayParent(); // Call method from Parent

c.displayChild(); // Call method from Child

return 0;

}