Week 7-8-9

Q1. Demonstrate i/o for array of class objects eg employees

#include <iostream>

using namespace std;

class Employee {

public:

int id;

string name;

void input() {

cout << "Enter ID: ";

cin >> id;

cout << "Enter Name: ";

cin.ignore(); // to ignore newline character

getline(cin, name);

}

void display() const {

cout << "ID: " << id << ", Name: " << name << endl;

}

};

int main() {

const int size = 3; // Number of employees

Employee employees[size];

for (int i = 0; i < size; ++i) {

cout << "Employee " << (i + 1) << ":\n";

employees[i].input();

}

cout << "\nEmployee Details:\n";

for (int i = 0; i < size; ++i) {

employees[i].display();

}

return 0;

}