#include <iostream>

#include <fstream>

using namespace std;

struct Data {

int id;

char name[50];

};

int main() {

Data d1 = {1, "John Doe"};

ofstream outFile("data.bin", ios::binary); // Open binary file

for writing

if (outFile.is\_open()) {

outFile.write(reinterpret\_cast<char\*>(&d1), sizeof(d1));

// Write binary data

outFile.close();

cout << "Data written to binary file." << endl;

} else {

cout << "Error: Could not open file." << endl;

}

return 0;

}