**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Assignment No 4 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

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**Write a C++ program that creates an output file, writes information to it, closes the file, open it again as an input file and read the information from the file.**

#include<iostream> #include<fstream>

using namespace std;

class Employee

{

char Name[20]; int ID; double salary; public: void accept()

{

cin>>Name; cin>>ID;

cin>>salary;

}

void display()

{

cout<<"\n Enter Name:"<<Name; cout<<"\n Enter Id:"<<ID; cout<<"\n Enter Salary:"<<salary;

}

};

int main()

{

Employee o[5]; fstream f; int i,n;

f.open("b16.txt"); cout<<"\n How many employee information do you need to store?"; cin>>n;

cout<<"\n Enter information of employee in this format(NAME/ID/SALARY)";

for(i=0;i<n;i++)

{

cout<<"\n Enter information of:"<<i<<"\n Employee"; o[i].accept();

f.write((char\*)&o[i],sizeof o[i]);

}

f.close();

f.open("b16.txt",ios::in); cout<<"\n Information of Employees is as follows:"; for(i=0;i<n;i++)

{

f.write((char\*)&o[i],sizeof o[i]);

o[i].display();

}

f.close();

return 0;

}

**Output:**



