OOP Lab Exp No.4

#include<iostream>

#include<fstream>

using namespace std;

class Employee

{

 string Name;

 int ID;

 double salary;

 public:

 void accept()

 {

 cout<<"\n Name : ";

 cin.ignore();

getline(cin,Name);

 cout<<"\n Id : ";

 cin>>ID;

 cout<<"\n Salary : ";

 cin>>salary;

 }

 void display()

 {

 cout<<"\n Name : "<<Name;

 cout<<"\n Id : "<<ID;

 cout<<"\n Salary : "<<salary<<endl;

 }

};

int main()

{

 Employee o[5];

 fstream f;

 int i,n;

 f.open("demo.txt",ios::out);

 cout<<"\n Enter the number of employees you want to store : ";

 cin>>n;

 for(i=0;i<n;i++)

 {

 cout<<"\n Enter information of Employee "<<i+1<<"\n";

 o[i].accept();

 f.write((char\*)&o[i],sizeof o[i]);

 }

 f.close();

 f.open("demo.txt",ios::in);

 cout<<"\n Information of Employees is as follows : \n";

 for(i=0;i<n;i++)

 {

 cout<<"\nEmployee "<<i+1<<"\n";

 f.write((char\*)&o[i],sizeof o[i]);

 o[i].display();

 }

 f.close();

 return 0;

}

OUTPUT :-

Enter the number of employees you want to store : 5  
  
 Enter information of Employee 1  
  
 Name : Atharva  
  
 Id : 21511686  
  
 Salary : 1500000  
  
 Enter information of Employee 2  
  
 Name : Omkar  
  
 Id : 21511687  
  
 Salary : 1600000  
  
 Enter information of Employee 3  
  
 Name : Anurag  
  
 Id : 21511688  
  
 Salary : 1400000  
  
 Enter information of Employee 4  
  
 Name : Akshay  
  
 Id : 21511689  
  
 Salary : 1300000  
  
 Enter information of Employee 5  
  
 Name : Pratik  
  
 Id : 21511690  
  
 Salary : 1700000  
  
 Information of Employees is as follows :  
  
Employee 1  
  
 Name : Atharva  
 Id : 21511686  
 Salary : 1.5e+006  
  
Employee 2  
  
 Name : Omkar  
 Id : 21511687  
 Salary : 1.6e+006  
  
Employee 3  
  
 Name : Anurag  
 Id : 21511688  
 Salary : 1.4e+006  
  
Employee 4  
  
 Name : Akshay  
 Id : 21511689  
 Salary : 1.3e+006  
  
Employee 5  
  
 Name : Pratik  
 Id : 21511690  
 Salary : 1.7e+006