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structure:*/

#include<iostream>
using namespace std;
struct emp{
    int id;
    char name[10];
    float salary;
};
int main( )
{ struct emp x[5];
int i;
for(i=0;i<5;i++)
{cout<<"\t ID " <<i<<"= ";
cin>>x[i].id;
cout<<"\t Name= ";
cin>>x[i].name;
cout<<"\t Salary= ";
cin>>x[i].salary;
}
for(i=0;i<5;i++)
{
cout<<"\n \t ID= " <<x[i].id;
cout<<"\t Name= " <<x[i].name;
cout<<"\t Salary= " <<x[i].salary;
}
}
/*-----
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#include<iostream>
using namespace std;
struct date{

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    int day;
    int month;
    int year;
};

struct bankaccount{
    int id;
    char name[10];
    float balance;
    int acc_num;
    date birth_day;
};

int main( )
{ struct bankaccount x;
int i;
// for(i=0;i<5;i++)
// {
    cout<<"\t ID "<<i<<"= ";
    cin>>x.id;
    cout<<"\t Name= ";
    cin>>x.name;
    cout<<"\t balance= ";
    cin>>x.balance;
    cout<<"\t acc_num= ";
    cin>>x.acc_num;
    cout<<"\t birth_day: ";
    cin>>x.birth_day.day;
    cin>>x.birth_day.month;
    cin>>x.birth_day.year;
// }
// for(i=0;i<5;i++)
{
    cin>>x.id;
    cout<<"\t Name= ";

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    cout<<x.name;
    cout<<"\t balance= ";
    cout<<x.balance;
    cout<<"\t acc_num= ";
    cout<<x.acc_num;
    cout<<"\t birth_day= ";
    cout<<x.birth_day.day<<"/"<<x.birth_day.month<<"/"<<x.bi
rth_day.year;
}
}
/*-----*/
-----*/

#include<iostream>
using namespace std;
struct date{
    int day;
    int month;
    int year;
};
struct bankaccount{
    int id;
    char name[10];
    float balance;
    int acc_num;
    date birth_day;
};
int main( )
{ struct bankaccount x[3];
int i;
for(i=0;i<3;i++)
{
    cout<<"\t ID "<<i<<"= ";

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    cin>>x[i].id;
    cout<<"\t Name= ";
    cin>>x[i].name;
    cout<<"\t balance= ";
    cin>>x[i].balance;
    cout<<"\t acc_num= ";
    cin>>x[i].acc_num;
    cout<<"\t birth_day: ";
    cin>>x[i].birth_day.day;
    cin>>x[i].birth_day.month;
    cin>>x[i].birth_day.year;
}
for(i=0;i<3;i++)
{cout<<"\n Id= ";
  cout<<x[i].id;
  cout<<"\t Name= ";
  cout<<x[i].name;
  cout<<"\t balance= ";
  cout<<x[i].balance;
  cout<<"\t acc_num= ";
  cout<<x[i].acc_num;
  cout<<"\t birth_day= ";
  cout<<x[i].birth_day.day<<"/"<<x[i].birth_day.month<<"/"
<<x[i].birth_day.year;
}
}
/*-----*/
-----*/

#include <iostream>
using namespace std;
struct student{ char    name[5];
                int     id;

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        float  GPA;
};
int main()
{ struct student x[3];
  int i;
  for(i=0; i<3; i++)
  {
    cout<<"x==>id, name, GPA=";
    cin>>x[i].id>>x[i].name>>x[i].GPA;
  }
  for(i=0; i<3; i++)
  {
    x[i].GPA = x[i].GPA + 0.5;
  }
  for(i=0; i<3; i++)
  {
    cout<<"\n x==>id="<<x[i].id<<"\t name="<<x[i].name<<"\t
GPA="<<x[i].GPA;
  }

```