Lab Task#7

Structure

Question#1

```cpp
#include<iostream>
#include<string>
using namespace std;
struct employee{
    int num;
    float dollars;


void storeData(int n,float salary){
    num=n;
    dollars=salary;
}
void Display(){
    cout<<"employee number 1ST EMPLOYEE "<<num<<endl;
    cout<<"employee compensation of 1st employee "<<dollars<<endl<<endl;
}
};
int main(){
    employee s1,s2,s3;
    cout<<"enter the employee number 1ST EMPLOYEE ";

    cin>>s1.num;
    cout<<endl;
    cout<<"employee compensation of 1st employee ";

    cin>>s1.dollars;
    cout<<endl;

        cout<<"enter employee num of 2nd employee ";
        cin>>s2.num;
        cout<<endl;
        cout<<"employee compensation of 2nd employee ";
        cin>>s2.dollars;
        cout<<endl;
```

```cpp
        cin>>s2.dollars;
        cout<<endl;

        cout<<"enter employee compensation of 3rd employee ";
        cin>>s3.num;
            cout<<endl;
        cout<<"employee compensation of 3rd employee ";
        cin>>s3.dollars;
            cout<<endl;
    s1.storeData(s1.num,s1.dollars);
    s1.Display();
    s2.storeData(s2.num,s2.dollars);
    s2.Display();
    s3.storeData(s3.num,s3.dollars);
    s3.Display();
    return 0;

}
```

```
enter the employee number 1ST EMPLOYEE 3
employee compensation of 1st employee 4
employee number 1ST EMPLOYEE 3
employee compensation of 1st employee 4

enter employee num of 2nd employee 6
employee compensation of 2nd employee 8
employee compensation of 2nd employee 6
employee compensation of 2nd employee 8

enter employee compensation of 3rd employee 9
employee compensation of 3rd employee 6
employee compensation of 3rd employee 9
employee compensation of 3rd employee 6

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```

Question#2

```cpp
#include<iostream>
using namespace std;
struct time{
    int hours;
    int minutes;
    int seconds;

    void input(int h,int m,int s){
        hours=h;
        minutes=m;
        seconds=s;

    }
    void Dsiplay(){
        cout<<"seconds= "<<hours*minutes;
    }
};
int main(){
    time t;
    cout<<"enter hours ";
    cin>>t.hours;
    cout<<"eneter minutes ";
    cin>>t.minutes;
    t.input(t.hours,t.minutes,t.seconds);
    t.Dsiplay();
    return 0;


}
```

```
enter hours 60
eneter minutes 60
seconds= 3600
```

Question#5

```cpp
#include<iostream>
using namespace std;
struct call{

    int area_code;
    int exchange ;
    int number;

};
int main(){
    call p1,p2;
    cout<<"enter area_code,exchange and number ";
    cin>>p1.area_code;
    cin>>p1.exchange;
    cin>>p1.number;
    cout<<"my number is "<<" (212) 767-8900"<<endl;
    cout<<"your number "<<"("<<p1.area_code<<")"<<p1.exchange<<"-"<<p1.number<<endl;
    return 0;
}
```

```
enter area_code,exchange and number 123 2345    467
my number is  (212) 767-8900
your number (123)2345-467

-------------------------------
```

Question#3

```cpp
#include <iostream>
using namespace std;
struct time{
int hours;
int mins;
int seconds;
};
int main(){
long int sum,sum1,sum2;
time s1,s2;
long int h,m,s;
cout<<"\nEnter Hours\n";
cin>>s1.hours;
cout<<"\nEnter Mins\n";
cin>>s1.mins;
cout<<"\nEnter seconds\n";
cin>>s1.seconds;
sum = (s1.hours*3600)+(s1.mins*60)+(s1.seconds);
cout<<"\nEnter Hours\n";
cin>>s2.hours;
cout<<"\nEnter Mins\n";
cin>>s2.mins;
cout<<"\nEnter seconds\n";
cin>>s2.seconds;
sum += (s2.hours*3600)+(s2.mins*60)+(s2.seconds);
h = sum/3600;
sum1 = sum%3600;
m = sum1/60;
sum2 = sum1%60;
s =sum2;
cout<<"Time is"<<h<<":"<<m<<":"<<s<<endl;
 return 0;
}
```

```
Enter Hours
3

Enter Mins
45

Enter seconds
24

Enter Hours
23

Enter Mins
23

Enter seconds
1
Time is27:8:25
```