ASSIGMENT 7.

QUESTION NO 1.

```cpp
#include <iostream>
using namespace std;
struct Employee{
    int number;
    float compensation;
    void getdata(){
    cout<<"Enter Your Number : "<<endl;
    cin>>number;
    cout<<"Enter Your Compensation : "<<endl;
    cin>>compensation;
    }
    void displaydata(){
        cout<<"Your Number : "<<number<<endl;
        cout<<"Your Compensation : "<<compensation<<endl;
    }
};
int main(){
    Employee E1,E2,E3;
    E1.getdata();
```

```
    E1.displaydata();

    E2.getdata();

    E2.displaydata();

    E3.getdata();

    E3.displaydata();


}
```

OUTPUT.


```
Enter Your Number :
4
Enter Your Compensation :
150000
Your Number : 4
Your Compensation : 150000
Enter Your Number :
7
Enter Your Compensation :
12000
Your Number : 7
Your Compensation : 12000
Enter Your Number :
3
Enter Your Compensation :
130000
Your Number : 3
Your Compensation : 130000
(base) spy007@spy007:~/Documents/OPPLabAssignment/Lab task 7$ 
```

QUESTION NO 2.

```cpp
#include <iostream>
using namespace std;
struct Time{
    int second;
    int minute;
    int hour;
    void getdata(){
    cout<<"Enter Seconds : "<<endl;
    cin>>second;
    cout<<"Enter Minutes : "<<endl;
    cin>>minute;
    cout<<"Enter Hours : "<<endl;
    cin>>hour;

    }
    void displaydata(){
        int sec=second+(minute*60)+(hour*3600);
        cout<<"Total Seconds = "<<sec<<endl;
    }

};
int main(){
```

```
    Time t1;

    t1.getdata();

    t1.displaydata();


}
```

OUTPUT.

```
Enter Seconds :
35
Enter Minutes :
4
Enter Hours :
3
Total Seconds = 11075
(base) spy007@spy007:~/Documents/OPPLabAssignment/Lab task 7$
```

QUESTION NO 3.

```cpp
#include <iostream>
using namespace std;
struct Time{
    int second;
    int minute;
    int hour;
    void getdata(){
    cout<<"Enter Seconds : "<<endl;
    cin>>second;
    cout<<"Enter Minutes : "<<endl;
    cin>>minute;
    cout<<"Enter Hours : "<<endl;
    cin>>hour;

    }
    void displaydata(){
        int sec=second+(minute*60)+(hour*3600);
        cout<<"Total Seconds = "<<sec<<endl;
        int h=sec/3600;
        sec%=3600;
        int m=sec/60;
```

```cpp
        sec%=60;

        cout<<"Time "<<h<<":"<<m<<":"<<sec<<endl;

    }

};

int main(){

    Time t1,t2;

    t1.getdata();

    t1.displaydata();

    t2.getdata();

    t2.displaydata();

}
```

OUTPUT.

```
Enter Seconds :
45
Enter Minutes :
3
Enter Hours :
3
Total Seconds = 11025
Time 3:3:45
Enter Seconds :
53
Enter Minutes :
5
Enter Hours :
1
Total Seconds = 3953
Time 1:5:53
(base) spy007@spy007:~/Documents/OPPLabAssignment/Lab task 7$
```

QUESTION NO 4.

```cpp
#include<iostream>
using namespace std;
struct Phone{
    int areacode;
    int exchange;
    int number;

    void getdata1(){
        areacode=212;
        exchange=767;
        number=8900;

    }

    void displaydata1(){
        cout<<"My Number Is : "<<"("<<areacode<<")"<<exchange<<"-"<<number<<endl;

    }
    void getdata2(){
        cout<<"Enter Your Area Code,The Exchange And The Number : "<<endl;
        cin>>areacode;
```

```cpp
        cin>>exchange;

        cin>>number;

    }

    void displaydata2(){

        cout<<"Your Number Is : "<<"("<<areacode<<")"<<exchange<<"-
"<<number<<endl;

    }


};

int main(){

    Phone p1,p2;

    p1.getdata1();

    p2.getdata2();

    p1.displaydata1();

    p2.displaydata2();

}
```

OUTPUT.

```
Enter Your Area Code,The Exchange And The Number :
415
555
1212
My Number Is : (212)767-8900
Your Number Is : (415)555-1212
(base) spy007@spy007:~/Documents/OPPLabAssignment/Lab task 7$
```