Task # 01:

```cpp
#include <iostream>

using namespace std;

struct PhoneNumber {
    int c;
    int e;
    int n;
};

int main() {
    PhoneNumber p;
    cout << "Enter your area code, exchange, and number: "; cin >> p.c >> p.e
>> p.n;
    cout << "My number is (212) 767-8900" << endl;
    cout << "Your number is (" << p.c << ") " << p.e << "-" << p.n;

    return 0;
}
```

Task # 02:

```cpp
#include <iostream>

using namespace std;

struct Employee {
    int num;
    float com;
};

void displayInfo(Employee employees[], int size);

int main() {
    const int EMP_COUNT = 3;
    Employee employees[EMP_COUNT];

    cout << "Fill the data for 3 employees:\n";

    for (int i = 0; i < EMP_COUNT; i++) {
        cout << "Employee " << i + 1 << " (number) (compensation): ";
        cin >> employees[i].num >> employees[i].com;
    }

    displayInfo(employees, EMP_COUNT);
    return 0;
}

void displayInfo(Employee employees[], int size) {
    cout << "\nEmployee Details:\n";
    for (int i = 0; i < size; i++) {
        cout << "Employee " << i + 1 << " - Number: " << employees[i].num
             << ", Compensation: $" << employees[i].com << endl;
    }
}
```

Task # 03:

```cpp
#include <iostream>

using namespace std;

struct Time {
    int h;
    int m;
    int s;
};

int main() {
    Time t;
    long totalSecs;
    cout << "Enter Time in (hours:minutes:seconds): "; cin >> t.h >> t.m >>
t.s;
    totalSecs = t.h*3600 + t.m*60 + t.s;

    cout << "Total Seconds: " << totalSecs;

    return 0;
}
```

Task # 04:

```cpp
#include <iostream>

using namespace std;

int main() {
    int len = 5;
    float arr[len], avg=0;

    for (int i=0; i<len; i++) {
        cout << "Enter number " << i+1 << ": ";
        cin >> *(arr + i);
        /*
        arr -> itself &arr[0]
        1. // 100 + (0*4)
        2. // 100 + (1*4)
        */
       avg += *(arr + i);
    }
    cout << "\nAverage = " << avg/len;

    return 0;
}
```

Task # 05:

```cpp
#include <iostream>

using namespace std;

int main() {
    int arr[5] = {10, 20, 30, 40, 50};
    int *ptr = arr; // arr -> &arr[0]

    for (int i=0; i<5; i++) {
        cout << "Number " << i+1 << ": " << *ptr << endl;
        ptr++; // Shifting to the next address
    }

    return 0;
}
```

Task # 06:

```cpp
#include <iostream>

using namespace std;

struct Distance {
    int feet;
    float inches;
};

struct Room {
    Distance length;
    Distance width;
};

int main() {
    Room r;
    r.length.feet = 12;
    r.length.inches = 10.0;

    r.width.feet = 10;
    r.width.inches = 8.0;

    float totalLen, totalW;
    totalLen = r.length.feet + (r.length.inches/12.0);
    totalW = r.width.feet + (r.width.inches/12.0);

    cout << "Area in Sq: " << totalLen * totalW;

    return 0;
}
```