

Structure :-

A structure is a collection of heterogeneous data elements. In other words, a structure plus related functions make a class.

There is only one difference between a structure and a class – by default, all the data members are public in a structure and they are private in a class.

Syntax :

```
struct structure-name {  
    data-member-1;  
    data-member-2;  
}variable-1, variable-2;
```

Example :

```
struct date {  
    int day;  
    int month;  
    int year;  
}birth_date;
```

Practice problems :-

1. Declare a structure to represent a complex number (a number having a real and imaginary part) and perform operations to add and subtract two complex numbers.