Struture and union are two heterogenous user defined data types

**Structure**

Structure stores different data type values together.

The **struct** keyword is used to define a structure data type in a program.

Structure has two parts

1. structure definition
2. structure variable declaration

Syntax of Structure definition

struct structure\_name

{

datatype member1;

datatype member2;

………

};

Syntax for structure variable declaration

struct structure\_name variable;

**Union**

Union stores different data type values together.

The **union** keyword is used to define a union data type in a program.

In union, one member will occupy the memory at once.

The size of the union is equal to the size of its largest data member size

Syntax of union definition

union union\_name

{

datatype member1;

datatype member2;

………

};

Syntax for union variable declaration

union union\_name variable;