Class- Member Functions

A member function of a class is a function that has its definition or its prototype within the class definition like any other variable.

```
class Box {
   public:
      double length;         // Length of a box
      double breadth;        // Breadth of a box
      double height;         // Height of a box
      double getVolume(void);// Returns box volume
};
```

Member functions can be defined within the class definition or separately using scope resolution operator ::

```
class Box {
   public:
      double length;      // Length of a box
      double breadth;     // Breadth of a box
      double height;      // Height of a box

      double getVolume(void) {
         return length * breadth * height;
      }
};
```

```
double Box::getVolume(void) {
   return length * breadth * height;
}
```

Using member function:

```
Box myBox;            // Create an object
myBox.getVolume();    // Call member function for the object
```