The scope resolution operator is denoted by:: in C++. Scope resolution operator (::) in C++ programming language is used to define a function outside a class or when we want to use a global variable but also has a local variable with the same name.

The scope resolution operator **(::)** basically does two things

1. Access the global variable when we have a local variable with same name
2. Define a function outside the class

Resolution operator is placed between the front of the variable name then the global variable is affected. If no resolution operator is placed between the local variable is affected.

Using Scope Resolution Operator

```
#include<iostream.h>
#include<conio.h>

int n=12; //global variable
int main()
{
  int n=13; //local variable
  cout<<::n<<endl; //print global variable:12
  cout<<n<<endl; //print the local variable:13
  getch();
}
```

If the resolution operator is placed between the class name and the data member belonging the class then data name belonging to the particularly class is affected. If it is place front of the variable name then the global variable is affected. It is no resolution operator is placed then the local variable is affected.