

(Lecture  
11)

## Definitions

→ Default Value Constructors:-

This is the constructor, which set the value of default given in the argument to the variables if you don't pass the value to the function while creating in function.

→ Friend Function:-

Friend function is a function which is not a member of class but can access private members of the class.

### Example Program for Friend Function

```
class Numbers
{
    int first, second, thirdsum;
    public:
```

```

Number (int a, int b)
{
    first = a;
    second = b;
    sum = first + second;
}

void display ( )
{
    cout << first << " + " << second << " = " << sum;
}

Numbers add (Numbers a, Numbers b);
};

```

```

Numbers add (Number a, Number b)
{
    Numbers temp (0, 0);
    temp.first = a.first + b.first;
    temp.second = a.second + b.second;
}

int main ( )
{
    class Numbers ob1 (5, 6);
    class Numbers ob2 (50, 100);
    ob1 = add (ob1, ob2);
    ob1.display;
    getch ( );
}

```