Method overloading

* Method overloading is not possible in Objective-C.
* In objective C you cannot overload the method by using different arguments as shown in example below.
* When you overload the method in interface class it will give the compile time error.

**Example:**

-(int) addTwoNumber : (int)firstNumber : (int) secondNumber; //Line number 1

-(float) addTwoNumber : (float)firstNumber : (float) secondNumber; //Line Number 2 **error.**

* In the above example at second line it gives an error of declaration of duplicate methods.
* But you can declare a method like as give below example.

**Example:**

-(int) addTwoNumber : (int)firstNumber : (int) secondNumber; //Line number 1

-(int) addTwoNumber : (int)firstNumber : (int) secondNumber : (int) thirdNumber; //Line number 2

* In the above example 1 , when you pass the parameter as,

[FirtsClass addTwoNumber : 2 : 3]; it will execute the first method from Line number 1.

* In the above example 2 , when you pass the parameter as,

[FirtsClass addTwoNumber : 2 : 3 : 7]; it will execute the second method from Line number 2.