**C++ Part I (INFO1-CE9264) Fall 2014 – Quiz 2**

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**Quiz 2 – Overloaded Function**

**Code**

#include<iostream>

using namespace std;

class X {

public:

//function overloading within class X

void foo(int);

void foo(int,int);

void foo(int,int,int);

void foo(int,int,int,int);

};

void X::foo(int X1){

cout << X1 << endl;

}

void X::foo(int X1, int X2){

cout << X1 << " "<< X2 << endl;

}

void X::foo(int X1, int X2, int X3){

cout << X1 << " " << X2 << " " << X3 << endl;

}

void X::foo(int X1, int X2, int X3, int X4){

cout << X1 << " " << X2 <<" " << X3 << " " <<X4 << endl;

}

int main(){

X x\_class;

x\_class.foo(4);

x\_class.foo(4,6);

x\_class.foo(4,6,9);

x\_class.foo(4,6,10,11);

return 0;

}

**Output:**

