**Example of Overloading Function Template:**

#include <iostream>

using namespace std;

template<class X>void fun(X a)

{

std::cout<<"value of a is:"<<a<<std::endl;

}

template<class X,class Y>void fun(X b,Y c)

{

std::cout<<"value of b is:"<<b<<std::endl;

std::cout<<"value of c is:"<<c<<std::endl;

}

int main()

{

fun(10);

fun(20,30.5);

return 0;

}