#include <iostream>

using namespace std;

template <class FIRST,class SECOND>

FIRST add(FIRST a, SECOND b)

{

return a + b;

}

int main()

{

int x;

double y,z;

x = 10;

y = 10.222;

z = add(x,y);

cout<<"x+y = "<<z<<endl;

// since we entered the int first our output is 20;

z = add(y,x);

cout<<"x+y = "<<z<<endl;

// now, sice we bput the double first output is 20.222;

return 0;

}