Program:

#include<iostream>

using namespace std;

template<typename T>

void Swap(T &x,T &y)

{ T temp;

temp=x;

x=y;

y=temp;

}

int main()

{int a=10,b=20;

float x=1.8,y=2.5;

cout<<"before swapping a&b:"<<a<<"\t"<<b<<endl;

cout<<"before swapping x&y:"<<x<<"\t"<<y<<endl;

Swap(a,b);

Swap(x,y);

cout<<"after swapping a&b:"<<a<<"\t"<<b<<endl;

cout<<"after swapping x&y:"<<x<<"\t"<<y<<endl;

return 0;

}

output:

