#include<iostream>

#include<limits>

using namespace std;

template<class T>

T selection\_sort() //Template function

{

T a[10];

T temp;

cout<<"Enter 10 values.........\n";

for(int i=0;i<10;i++) //Accepting elements

cin>>a[i];

int min\_idx;

for (int i = 0; i < 10; i++)

{

min\_idx = i;

for (int j = i + 1; j < 10; j++)

{

if (a[j] < a[min\_idx])

min\_idx = j;

}

if (min\_idx != i)

swap(a[min\_idx], a[i]);

}

for(int i=0;i<10;i++)

{

cout<<a[i]<<"\n";

}

}

int main()

{

cout<<"Integer sorting...\n";

selection\_sort<int>();

cout<<"Floating sorting...\n";

selection\_sort<float>();

return 0;

}