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Prog By ANOM DEVGUN

GR 21810017

VIIT Pune

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#include<iostream>

using namespace std;

template <class T>

void s\_sort(T a[],T n)

{

int i,j,min;

T t;

for(i=0;i<n-1;i++)

{

min=i;

for(j=i+1;j<n;j++)

{

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

{

min=j;

}

}

t = a[min];

a[min]= a[i];

a[i]= t;

}

}

int main()

{

int a[100],i,n;

float c[100],f;

cout<<"Enter The number of Element in integer array:\n";

cin>>n;

cout<<"\nEnter Elements:\n";

for(i=0;i<n;i++)

{

cin>>a[i];

}

s\_sort(a,n);

cout<<"\nAfter Sorting\n";

for(i=0;i<n;i++)

{

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

}

cout<<"\n";

cout<<"Enter The number of Element in float array:\n";

cin>>f;

cout<<"\nEnter Elements:\n";

for(i=0;i<f;i++)

{

cin>>c[i];

}

s\_sort(c,f);

cout<<"\nAfter Sorting\n";

for(i=0;i<f;i++)

{

cout<<c[i]<<" ";

}

cout<<"\n";

return 0;

}