**/\* 15. wap that sorts a list of N numbersusing selection sort\*/**

using namespace std;

#include<iostream>

int main()

{

int a[20],size;

int small,temp,pos;

cout<<"enter the size of array";

cin>>size;

cout<<endl;

cout<<"enter the elements of array";

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

cin>>a[i];

cout<<endl;

for(int i=0; i<size-1;i++)

{ small=a[i];

pos=i;

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

if( a[j]<small )

{ small=a[j];

pos=j;

}

if(pos>i)

{ temp=a[i];

a[i]=a[pos];

a[pos]=temp;

}

}

cout<<"sorted array is";

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

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

system("pause");

return 0;

}

OUTPUT :-

