```c
#include<stdio.h>

int findMin(int *A,int start,int end)
{
    int i;
    int min=A[start];
    int minIndex;

    for(i=start+1;i<=end;i++)
    {
        if(A[i]<min)
        {
            min=A[i];
            minIndex=i;
        }


    }
    return minIndex;
}

void swap(int *A,int a,int b)
{
    int temp;
    temp=A[a];
    A[a]=A[b];
    A[b]=temp;
}

void SelectionSort(int *A,int n)
{
    //select the min and place it at position i;

    int i=0;
    for(i=0;i<n;i++)
    {
        int index=findMin(A,i,n);
        swap(A,index,i);
    }
}

void main()
{
    int A[]={5,4,6,1,9,7,0,2,10,8,3};
    int size=sizeof(A)/sizeof(int);
    int i=0;
    printf("*****************Input Array******************\n\n");
    for (i=0;i<size;i++)
    {
        printf("%5d",A[i]);
    }
    SelectionSort(A,size-1);
    i=0;
    printf("\n*****************Sorted Array******************\n\n");
    for (i=0;i<size;i++)
    {
        printf("%5d",A[i]);
    }
}
```