1. write a program to sort a list of N elements using selection sort technique.

```c
#include<stdio.h>
void selectionSort(int arr[], int n) {
int i, j, min, temp;

for (i = 0; i< n - 1; i++) {
min = i;
for (j = i + 1; j < n; j++) {
if (arr[j] <arr[min]) {
min = j;
}
}

if (min != i)
{
temp = arr[i];
arr[i] = arr[min];
arr[min] = temp;
}
}
}
int main() {
int n;
printf("Enter the number of elements:");
scanf("%d",&n);
int arr[n];
printf("Enter %d elements:\n", n);
for (int i = 0; i< n; i++) {
scanf("%d",&arr[i]);
}
selectionSort(arr, n);
printf("Sorted array in ascending order:  \n");
for (int i = 0; i< n; i++) {
printf(" %d ", arr[i]);
}
printf("\n");
return 0;
}
```