

```
rahul@rahul-IdeaPad-5-15ITL05:~/CA$ ./a1
Enter the 10 Elements
45
698
456
1584
34787
54
57
2
798
15
Before Sort:
45      698      456      1584      34787      54      57      2      798      15
After Sort:
2      15      45      54      57      456      698      798      1584      34787
rahul@rahul-IdeaPad-5-15ITL05:~/CA$
```

Each sample counts as 0.01 seconds.
no time accumulated

Rhythmbox							
time	seconds	seconds	calls	self Ts/call	total Ts/call	name	
0.00	0.00	0.00	14	0.00	0.00	swap(int*, int*)	
0.00	0.00	0.00	10	0.00	0.00	partition(int*, int, int)	
0.00	0.00	0.00	2	0.00	0.00	showArray(int*, int)	
0.00	0.00	0.00	1	0.00	0.00	__static_initialization_and_destruction_0(int, int)	
0.00	0.00	0.00	1	0.00	0.00	QuickSort(int*, int, int)	

Call graph (explanation follows)

granularity: each sample hit covers 4 byte(s) no time propagated

index	% time	self	children	called	name
		0.00	0.00	14/14	partition(int*, int, int) [9]
[8]	0.0	0.00	0.00	14	swap(int*, int*) [8]

		0.00	0.00	10/10	QuickSort(int*, int, int) [12]
[9]	0.0	0.00	0.00	10	partition(int*, int, int) [9]
		0.00	0.00	14/14	swap(int*, int*) [8]

		0.00	0.00	2/2	main [6]
[10]	0.0	0.00	0.00	2	showArray(int*, int) [10]

		0.00	0.00	1/1	__GLOBAL__sub_I_Z9showArrayPii [13]
[11]	0.0	0.00	0.00	1	__static_initialization_and_destruction_0(int, int) [11]

				20	QuickSort(int*, int, int) [12]
		0.00	0.00	1/1	main [6]
[12]	0.0	0.00	0.00	1+20	QuickSort(int*, int, int) [12]
		0.00	0.00	10/10	partition(int*, int, int) [9]
				20	QuickSort(int*, int, int) [12]