

Variavel de entrada	Classes Validas	Classes Invalidas
a*	Vetor de inteiros positivos	Valores diferentes da classe valida
length	$2 \leq \text{length} \leq 20$	$2 > \text{length} > 20$
type*	[On], [On2], [Onlogn]	Qualquer entrada diferente da valida
algorithm	[COUNTING] [RADIX] [BUBBLE] [INSERTION] [SELECTION] [HEAP] [MERGE] [QUICK]	Qualquer entrada diferente da valida

* = Teste que apresenta erro na compilação			
Número	Teste	Nome	Casos de Teste
1	[SORT]	Limite Inferior (dentro) Lenght	[[b, 2, "On", COUNTING], {0}]
2	[SORT]	Limite Inferior (fora) Lenght	[[c, 1, "On", COUNTING], {1}]
3	[SORT]	Limite Superior (dentro) Lenght	[[d, 20, "On", COUNTING], {0}]
4	[SORT]	Limite Superior (fora) Lenght	[[e, 21, "On", COUNTING], {1}]
5	[SORT]	Valor no meio Lenght	[[a, 10, "On", COUNTING], {0}]
6	[SORT]	Type errado no COUNTING	[[a, 10, "On2", COUNTING], {1}]
7	[SORT]	Teste RADIX Correto	[[a, 10, "On", RADIX], {0}]
8	[SORT]	Type errado no RADIX	[[a, 10, "Onlogn", RADIX], {1}]
9	[SORT]	Teste BUBBLE Correto	[[a, 10, "On2", BUBBLE], {0}]
10	[SORT]	Type errado no BUBBLE	[[a, 10, "On", BUBBLE], {1}]
11	[SORT]	Teste INSERTION Correto	[[a, 10, "On2", INSERTION], {0}]
12	[SORT]	Type errado no INSERTION	[[a, 10, "Onlogn", INSERTION], {1}]
13	[SORT]	Teste SELECTION Correto	[[a, 10, "On2", SELECTION], {0}]
14	[SORT]	Type errado no SELECTION	[[a, 10, "On", SELECTION], {1}]
15	[SORT]	Teste HEAP Correto	[[a, 10, "Onlogn", HEAP], {0}]
16	[SORT]	Type errado no HEAP	[[a, 10, "On", HEAP], {1}]
17	[SORT]	Teste MERGE Correto	[[a, 10, "Onlogn", MERGE], {0}]
18	[SORT]	Type errado no MERGE	[[a, 10, "On2", MERGE], {1}]
19	[SORT]	Teste QUICK Correto	[[a, 10, "Onlogn", QUICK], {0}]
20	[SORT]	Type errado no QUICK	[[a, 10, "On", QUICK], {1}]
21	[SORT]	Teste DEFAULT	[[a, 10, "On", 9], {1}]
22	[SORT]*	Lenght é maior que o vetor passado	[[b, 15, "On", COUNTING], {0}]
23	[SORT]	Lenght é menor que o vetor passado	[[d, 2, "On", COUNTING], {0}]
24	[COUNT]	Lista vazia	[[j, 0, "On", COUNTING], {1}]
25	[RADIX]	Lista vazia	[[j, 0, "On", RADIX], {1}]
26	[BUBBLE]	Lista vazia	[[j, 0, "On2", BUBBLE], {1}]
27	[INSERTION]	Lista vazia	[[j, 0, "On2", INSERTION], {1}]
28	[SELECTION]	Lista vazia	[[j, 0, "On2", SELECTION], {1}]

29	[HEAP]	Lista vazia	[[j, 0, "Onlogn", HEAP], {1}]
30	[MERGE]	Lista vazia	[[j, 0, "Onlogn", MERGE], {1}]
31	[QUICK]	Lista vazia	[[j, 0, "Onlogn", QUICK], {1}]
32	[COUNT]	Lista com numeros repetidos	[[l, 5, "On", COUNTING], {0}]
33	[RADIX]	Lista com numeros repetidos	[[l, 5, "On", RADIX], {0}]
34	[BUBBLE]	Lista com numeros repetidos	[[l, 5, "On2", BUBBLE], {0}]
35	[INSERTION]	Lista com numeros repetidos	[[l, 5, "On2", INSERTION], {0}]
36	[SELECTION]	Lista com numeros repetidos	[[l, 5, "On2", SELECTION], {0}]
37	[HEAP]	Lista com numeros repetidos	[[l, 5, "Onlogn", HEAP], {0}]
38	[MERGE]	Lista com numeros repetidos	[[l, 5, "Onlogn", MERGE], {0}]
39	[QUICK]	Lista com numeros repetidos	[[l, 5, "Onlogn", QUICK], {0}]
40	[COUNT]	Lista cheia do mesmo numero	[[m, 5, "On", COUNTING], {0}]
41	[RADIX]	Lista cheia do mesmo numero	[[m, 5, "On", RADIX], {0}]
42	[BUBBLE]	Lista cheia do mesmo numero	[[m, 5, "On2", BUBBLE], {0}]
43	[INSERTION]	Lista cheia do mesmo numero	[[m, 5, "On2", INSERTION], {0}]
44	[SELECTION]	Lista cheia do mesmo numero	[[m, 5, "On2", SELECTION], {0}]
45	[HEAP]	Lista cheia do mesmo numero	[[m, 5, "Onlogn", HEAP], {0}]
46	[MERGE]	Lista cheia do mesmo numero	[[m, 5, "Onlogn", MERGE], {0}]
47	[QUICK]	Lista cheia do mesmo numero	[[m, 5, "Onlogn", QUICK], {0}]
48	[COUNT]	Lista já ordenada	[[n, 5, "On", COUNTING], {0}]
49	[RADIX]	Lista já ordenada	[[n, 5, "On", RADIX], {0}]
50	[BUBBLE]	Lista já ordenada	[[n, 5, "On2", BUBBLE], {0}]
51	[INSERTION]	Lista já ordenada	[[n, 5, "On2", INSERTION], {0}]
52	[SELECTION]	Lista já ordenada	[[n, 5, "On2", SELECTION], {0}]
53	[HEAP]	Lista já ordenada	[[n, 5, "Onlogn", HEAP], {0}]
54	[MERGE]	Lista já ordenada	[[n, 5, "Onlogn", MERGE], {0}]
55	[QUICK]	Lista já ordenada	[[n, 5, "Onlogn", QUICK], {0}]

Testes	sort	bubble	counting	heap	insertion	merge	quick	radix	selection
	100%	100%	100%	94%	100%	100%	100%	93%	100%