# **TESTE & CONFIABILIDADE DE SISTEMAS**

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**SEMESTRE**: 2021/02

**TURMA:** 030

### **Trabalho Final**

1. Classes de Equivalência

VA	RIAVĖL	CLASSES VALIDAS	CLASSES INVÁLIDAS
	array	números inteiros	não números inteiros
	size	números inteiros equivalentes à quantidade de dados presentes em 'array'	números inteiros maiores ou menores que a quantidade de dados presentes em 'array'
n	nethod	números inteiros equivalentes à 0.1.2.3.4.8.5	números inteiros diferentes de 0.1.2.3.4.8.5

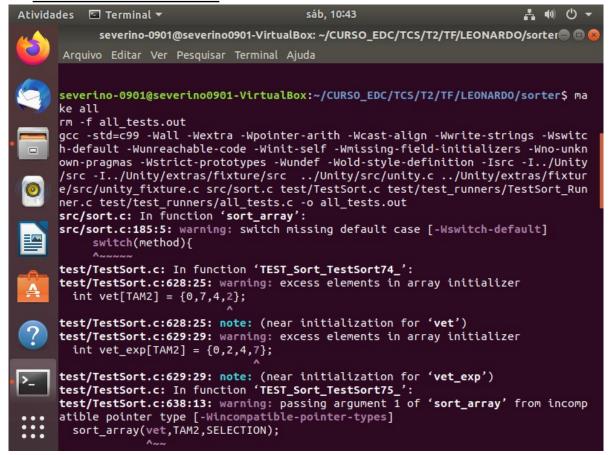
Figura 01 – Classes de Equivalência

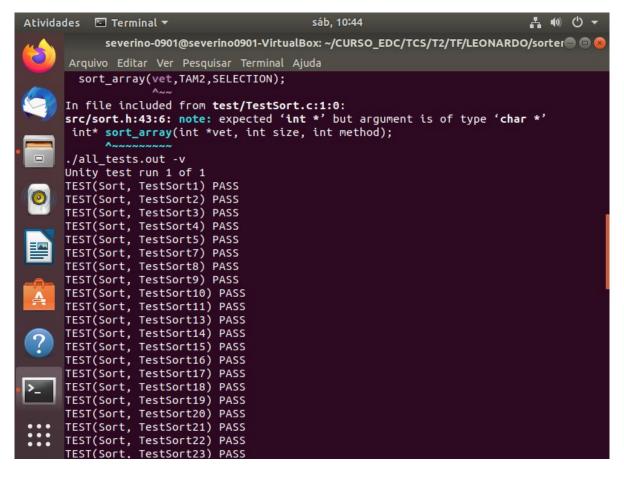
# 2. Tabelas de Planejamento

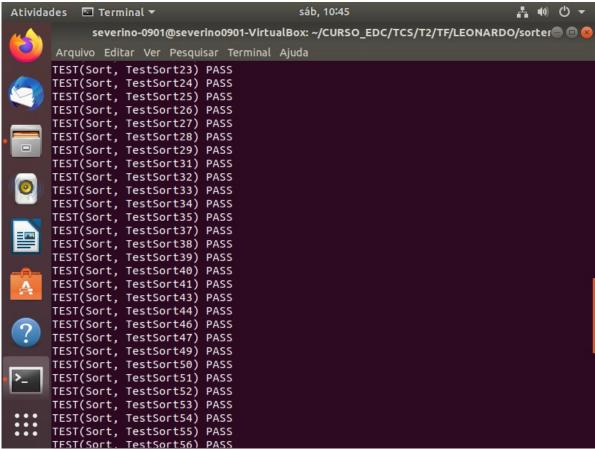
NÚMERO DO TESTE	NOME DO TESTE TestSort1	CASOS DE TESTE  [{(47,37,46,31,47),5,SELECTION},{PASS}]
2	TestSort2	[{(47,37,46,31,47),5,5ELECTION},{PASS}]
3	TestSort3	[{(47,37,46,31,47),5,SHELL},{PASS}]
4	TestSort4	[{(47,37,46,31,47),5,HEAP},{PASS}]
5	TestSort5	[{(47,37,46,31,47),5,MERGE},{PASS}]
6	TestSort6	[{(47,37,46,31,47),5,UNDEFINED},{FAIL}]
7	TestSort7	[{(-47,-37,-46,-31,-47),5,SELECTION},{PASS}]
8	TestSort8	[{(-47,-37,-46,-31,-47),5,INSERTION},{PASS}]
9	TestSort9	[{(-47,-37,-46,-31,-47),5,SHELL},{PASS}]
10	TestSort10	[{(-47,-37,-46,-31,-47),5,HEAP},{PASS}]
11	TestSort11	[{(-47,-37,-46,-31,-47),5,MERGE},{PASS}]
12	TestSort12	[{(-47,-37,-46,-31,-47),5,UNDEFINED},{FAIL}]
13 14	TestSort13 TestSort14	[{(31,37,46,47,47),5,SELECTION},{PASS}] [{(31,37,46,47,47),5,INSERTION},{PASS}]
15	TestSort15	[{(31,37,46,47,47),5,8HELL},{PASS}]
16	TestSort16	[{(31,37,46,47,47),5,HEAP},{PASS}]
17	TestSort17	[{(31,37,46,47,47),5,MERGE},{PASS}]
18	TestSort18	[{(31,37,46,47,47),5,UNDEFINED},{PASS}]
19	TestSort19	[{(-47,-47,-46,-37,-31),5,SELECTION},{PASS}]
20	TestSort20	[{(-47,-47,-46,-37,-31),5,INSERTION},{PASS}]
21	TestSort21	[{(-47,-47,-46,-37,-31),5,SHELL},{PASS}]
22	TestSort22	[{(-47,-46,-37,-31),5,HEAP},{PASS}]
23	TestSort23	[{(-47, -47, -46, -37, -31), 5, MERGE}, {PASS}]
24	TestSort24	[{(-47, -47, -46, -37, -31), 5, UNDEFINED}, {PASS}]
25 26	TestSort25 TestSort26	[{(47,47,46,37,31),5,SELECTION},{PASS}] [{(47,47,46,37,31),5,INSERTION},{PASS}]
27	TestSort27	[{(47,47,46,37,31),5,INSERTION),{PASS}] [{(47,47,46,37,31),5,SHELL},{PASS}]
28	TestSort28	[{(47,47,46,37,31),5,HEAP},{PASS}]
29	TestSort29	[{(47,47,46,37,31),5,MERGE},{PASS}]
30	TestSort30	[{(47,47,46,37,31),5,UNDEFINED},{FAIL}]
31	TestSort31	[{(-31,-37,-46,-47,-47),5,SELECTION},{PASS}]
32	TestSort32	[{(-31,-37,-46,-47,-47),5,INSERTION},{PASS}]
33	TestSort33	[{(-31,-37,-46,-47,-47),5,SHELL},{PASS}]
34	TestSort34	[{(-31,-37,-46,-47,-47),5,HEAP},{PASS}]
35	TestSort35	[{(-31,-37,-46,-47,-47),5,MERGE},{PASS}]
36	TestSort36	[{(-31,-37,-46,-47,-47),5,UNDEFINED},{FAIL}]
37	TestSort37	[{(57,98,70,71,2,22,14,65,2,6),10,SELECTION},{PASS}]
38	TestSort38	[{(57,98,70,71,2,22,14,65,2,6),10,INSERTTION},{PASS}]
39 40	TestSort39 TestSort40	[{(57,98,70,71,2,22,14,65,2,6),10,SHELL},{PASS}] [{(57,98,70,71,2,22,14,65,2,6),10,HEAP},{PASS}]
41	TestSort41	[{(57,98,70,71,2,22,14,65,2,6),10,11EAF},{FASS}]
42	TestSort42	[{(57,98,70,71,2,22,14,65,2,6),10,UNDEFINED},{FAIL}]
43	TestSort43	[{(57,98,70,71,2,22,14,65,2,6),10,SELECTION},{PASS}]
44	TestSort44	[{(-57,-98,-70,-71,-2,-22,-14,-65,-2,-6),10,INSERTTION},{PASS}]
45	TestSort45	[{(-57,-98,-70,-71,-2,-22,-14,-65,-2,-6),10,SHELL},{PASS}]
46	TestSort46	[{(-57,-98,-70,-71,-2,-22,-14,-65,-2,-6),10,HEAP},{PASS}]
47	TestSort47	[{(-57,-98,-70,-71,-2,-22,-14,-65,-2,-6),10,MERGE},{PASS}]
48	TestSort48	[{(-57,-98,-70,-71,-2,-22,-14,-65,-2,-6),10,UNDEFINED},{FAIL}]
49	TestSort49	[{(2,2,6,14,22,57,65,70,71,98),10,SELECTION},{PASS}]
50	TestSort50	[{(2,2,6,14,22,57,65,70,71,98),10,INSERTTION},{PASS}]
51 52	TestSort51 TestSort52	[{2,2,6,14,22,57,65,70,71,98),10,SHELL},{PASS}] [{(2,2,6,14,22,57,65,70,71,98),10,HEAP},{PASS}]
53	TestSort53	[{(2,2,6,14,22,57,65,70,71,96),10,11EAF},{EASS}]
54	TestSort54	[{(2,2,6,14,22,57,65,70,71,98),10,UNDEFINED},{PASS}]
55	TestSort55	[{(2,2,6,14,22,57,65,70,71,98),10,SELECTION},{PASS}]
56	TestSort56	[{(-98,-71,-70,-65,-57,-22,-14,-6,-2,-2),10,INSERTTION},{PASS}]
57	TestSort57	[{-98,-71,-70,-65,-57,-22,-14,-6,-2,-2),10,SHELL},{PASS}]
58	TestSort58	[{(-98,-71,-70,-65,-57,-22,-14,-6,-2,-2),10,HEAP},{PASS}]
59	TestSort59	[{(-98,-71,-70,-65,-57,-22,-14,-6,-2,-2),10,MERGE},{PASS}]
60	TestSort60	[{(-98,-71,-70,-65,-57,-22,-14,-6,-2,-2),10,UNDEFINED},{PASS}]
61	TestSort61	[{(98,71,70,65,57,22,14,6,2,2),10,SELECTION},{PASS}]
62	TestSort62	[{(98,71,70,65,57,22,14,6,2,2),10,INSERTTION},{PASS}]
63 64	TestSort63 TestSort64	[{98,71,70,65,57,22,14,6,2,2),10,SHELL},{PASS}] [{(98,71,70,65,57,22,14,6,2,2),10,HEAP},{PASS}]
65	TestSort65	[{(98,71,70,65,57,22,14,6,2,2),10,HEAF},{FASS}]
66	TestSort66	[{(98,71,70,65,57,22,14,6,2,2),10,UNDEFINED},{FAIL}]
67	TestSort67	[{(-2,-2,-6,-14,-22,-57,-65,-70,-71,-98),10,SELECTION},{PASS}]
68	TestSort68	[{(-2,-2,-6,-14,-22,-57,-65,-70,-71,-98),10,INSERTTION},{PASS}]
69	TestSort69	[{-2,-2,-6,-14,-22,-57,-65,-70,-71,-98),10,SHELL},{PASS}]
70	TestSort70	[{(-2,-2,-6,-14,-22,-57,-65,-70,-71,-98),10,HEAP},{PASS}]
71	TestSort71	[{(-2,-2,-6,-14,-22,-57,-65,-70,-71,-98),10,MERGE},{PASS}]
72	TestSort72	[{(-2,-2,-6,-14,-22,-57,-65,-70,-71,-98),10,UNDEFINED},{FAIL}]
73	TestSort73	[{(0,7,4),3,10},{FAIL}]
74	TestSort74	[{(0,7,4,2),10,SELECTION},{FAIL}]
75	TestSort75	[{('a','v','d'),10,SELECTION},{FAIL}]

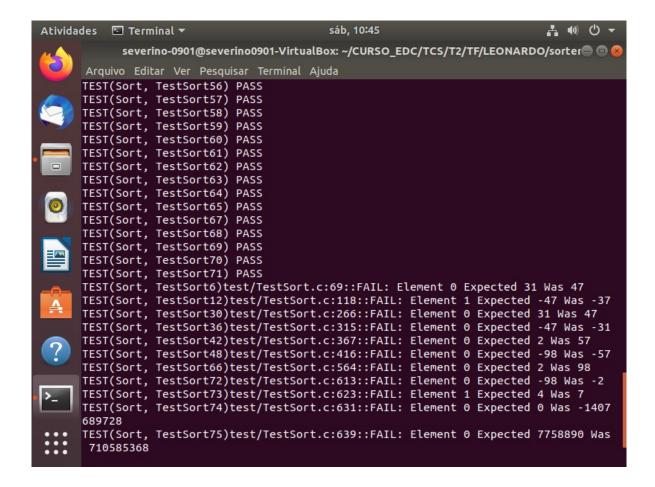
#### Figura 02 – Tabelas de Planejamento

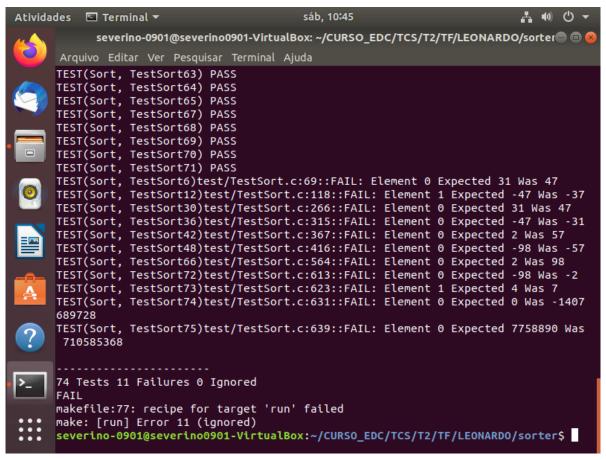
#### 3. Testes Unitários

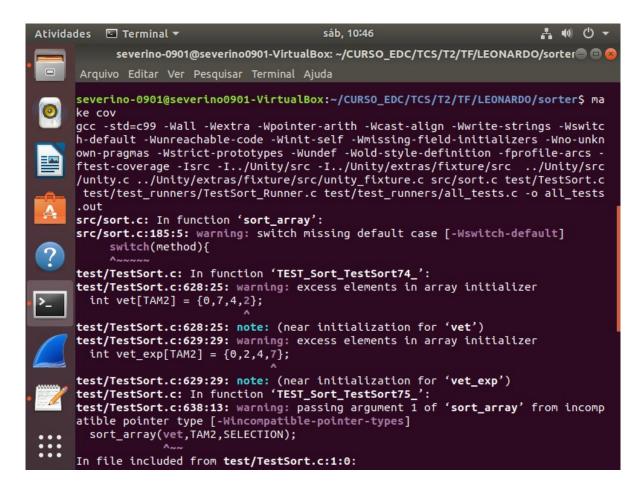


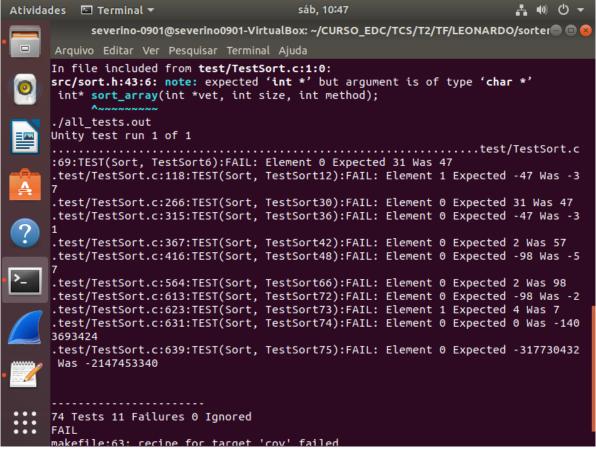


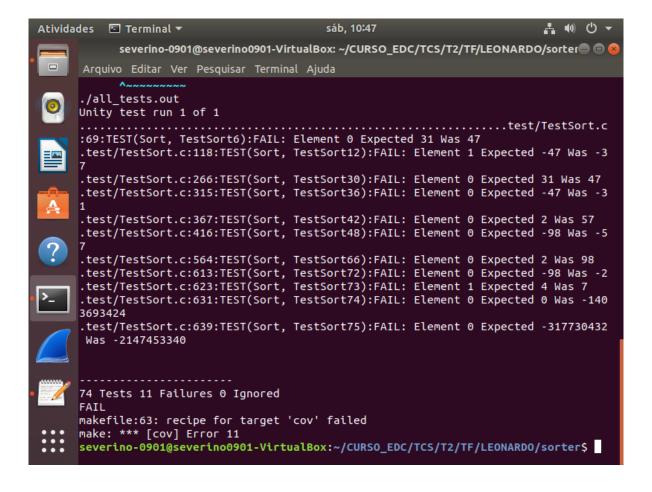


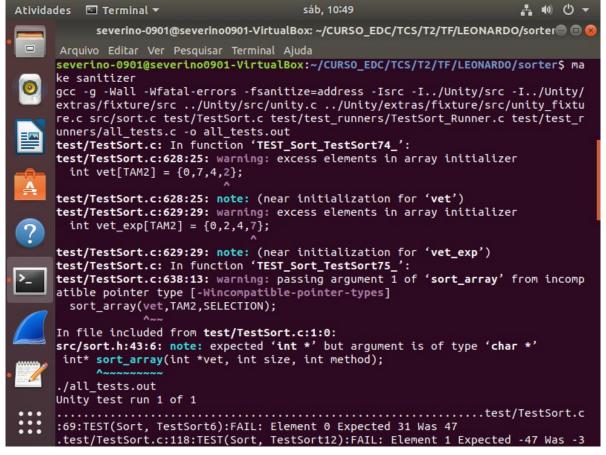


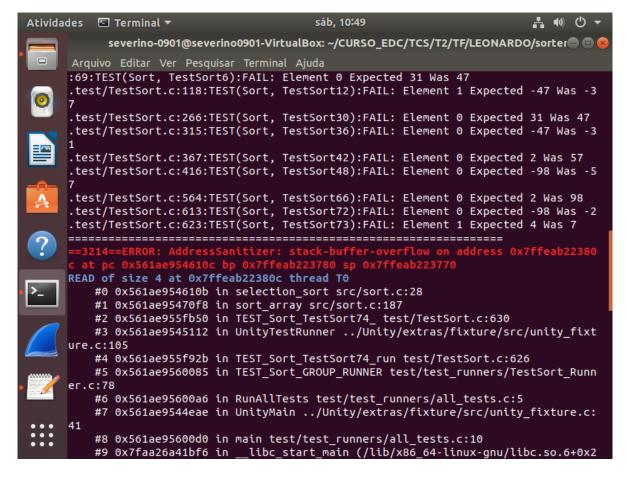


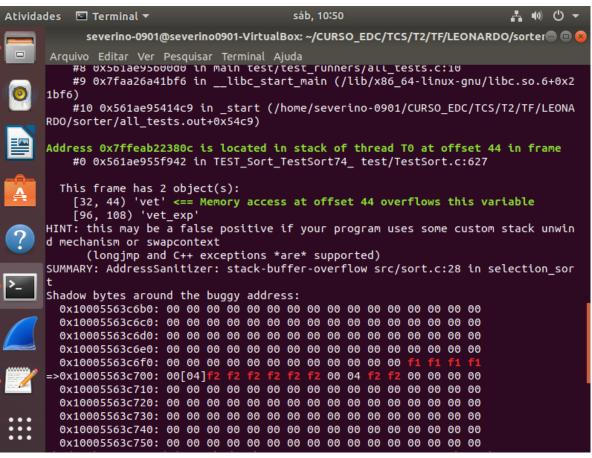












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sáb. 10:50
上 🕪 🖰 🥆
        severino-0901@severino0901-VirtualBox: ~/CURSO_EDC/TCS/T2/TF/LEONARDO/sorter 🗐 📵 🌔
    Arquivo Editar Ver Pesquisar Terminal Ajuda
     Shadow byte legend (one shadow byte represents 8 application bytes):
     Addressable:
                     00
     Partially addressable: 01 02 03 04 05 06 07
     Heap left redzone:
     Freed heap region:
                       fd
     Stack left redzone:
     Stack mid redzone:
     Stack right redzone:
                       f5
     Stack after return:
     Stack use after scope:
                       f8
     Global redzone:
     Global init order:
                       f6
     Poisoned by user:
                       f7
     Container overflow:
                       fc
     Array cookie:
     Intra object redzone:
                       ьь
     ASan internal:
                       fe
     Left alloca redzone:
     Right alloca redzone:
                       cb
    ==3214==ABORTING
    makefile:68: recipe for target 'sanitizer' failed
    make: *** [sanitizer] Error 1
    severino-0901@severino0901-VirtualBox:~/CURS0_EDC/TCS/T2/TF/LEONARD0/sorter$
```

