# ① 当前作业

**>>** 2022编译原理 大作业 **2022编译原理大作业** 作业时间: **2022-09-28 17:09:00** 至 **2023-01-31 23:55:00** 

2022编译原理大作业

# り 历史作业

**组名:** NKU-组员(1): 韩佳迅(2012682) | 组员管 组员贡献比 个人分工【未填 解散该 HarryPotter 📝 **~**注意: 只有组长才能提交作业, 理 写】 组 个人贡献比总和必须等于 组长: 彭钰婷 组员可以查看提交结果。 100% (2013631) 彭钰婷 (2013631) % 韩佳迅 (2012682) %

确定

**通用评测题** 

# 题目 分值 批阅信息

南开大学2022编译系统原理课 1. 程大作业

下载源文件

100.00

### 点击查看/隐藏评测结果

得分99.00 最后一次提交时间:2023-01-14 22:47:56

Runtime Error Summary 99 RE Score(Functi onal Test) Time(Perfor mance Test) Git Clone Command **Last Commit** At Detail 0 CE; 0 RE; 3 TLE; 1 WA; 136 AC **Functional** Test No Case Name Status Score Log 0.000 long\_array2 Timeout while your compiler generates assembly on x86 server. Command: /root/run/co mpiler -S -o /root/run/te stcase.s testdataFold er/105\_long \_array2.sy (180 s) 2 0.000 long\_func Timeout while your compiler generates assembly on x86 server. Command: /root/run/co mpiler -S -o /root/run/te stcase.s testdataFold er/103\_long \_func.sy (180 s) 3 0.000 Timeout many\_para ms2 while your compiler generates assembly on x86 server. Command: /root/run/co mpiler -S -o /root/run/te stcase.s test data Folder/109\_man y\_params2.s

y (180 s)

4	many_para ms	WA	0.000	TERMSIG: 11
5	accumulate	AC	1.205	
6	add	AC	1.205	
7	add2	AC	1.205	
8	addc	AC	1.205(cache d)	
9	arr_defn	AC	0.241(cache d)	
10	arr_defn2	AC	0.241(cache d)	
11	arr_defn3	AC	0.241	
12	arr_defn4	AC	0.241	
13	arr_expr_len	AC	0.241(cache d)	
14	array_concat	AC	1.205	
15	assign_com plex_expr	AC	1.205	
16	backpack	AC	1.205(cache d)	
17	big_int_mul	AC	1.205(cache d)	
18	bin_search	AC	1.205	
19	brainfk	AC	1.205(cache d)	
20	break	AC	1.205	
21	calculator	AC	1.205(cache d)	
22	chaos_token	AC	1.205(cache d)	
23	color	AC	1.205(cache d)	
24	comment1	AC	1.205	
25	comment2	AC	1.205	
26	const_array_ defn	AC	0.301(cache d)	
27	const_var_d efn	AC	0.301(cache d)	
28	const_var_d efn2	AC	0.301(cache d)	
29	const_var_d efn3	AC	0.301	
30	continue	AC	1.205	
31	decbinoct	AC	1.205	

32	dijkstra	AC	1.205(cache d)	
33	div	AC	1.205	
34	divc	AC	1.205(cache d)	
35	empty_stmt	AC	1.205	
36	enc_dec	AC	1.205	
37	enum	AC	1.205	
38	exchange_ar ray	AC	0.602	
39	exchange_va lue	AC	0.602(cache d)	
40	exgcd	AC	1.205	
41	expr_eval	AC	1.205(cache d)	
42	full_conn	AC	1.205	
43	func_defn	AC	1.205(cache d)	
44	gcd	AC	1.205	
45	genealogical _tree	AC	1.205(cache d)	
46	go_upstairs	AC	1.205	
47	greatest_co mmon_divis or	AC	1.205	
48	hanoi	AC	1.205	
49	hex_defn	AC	0.602	
50	hex_oct_add	AC	0.602	
51	hidden_var	AC	1.205(cache d)	
52	if	AC	0.172(cache d)	
53	if2	AC	1.205(cache d)	
54	if_complex_e xpr	AC	0.172	
55	if_test1	AC	0.172	
56	if_test2	AC	0.172	
57	if_test3	AC	0.172	
58	if_test4	AC	0.172	
59	if_test5	AC	0.172	
60	insert_order	AC	1.205(cache d)	

题目 分值 批阅信息

62         int_io         AC         0.301(cache d)           63         int_literal         AC         0.301(cache d)           64         int_split         AC         0.301(cache d)           65         itera_sqrt         AC         1.205           66         jump_game         AC         1.205           67         kmp         AC         1.205           68         last_word_le ngth         AC         1.205           69         lcm         AC         1.205(cache d)           70         line_search         AC         1.205(cache d)           71         logi_assign         AC         1.205(cache d)           72         long_array         AC         0.241(cache	
64         int_split         AC         0.301(cache d)           65         itera_sqrt         AC         1.205           66         jump_game         AC         1.205           67         kmp         AC         1.205           68         last_word_le ngth         AC         1.205           69         lcm         AC         1.205(cache d)           70         line_search         AC         1.205           71         logi_assign         AC         1.205(cache d)	
d)   d)	
66       jump_game       AC       1.205         67       kmp       AC       1.205         68       last_word_le ngth       AC       1.205         69       lcm       AC       1.205(cache d)         70       line_search       AC       1.205         71       logi_assign       AC       1.205(cache d)	
67         kmp         AC         1.205           68         last_word_le ngth         AC         1.205           69         lcm         AC         1.205(cache d)           70         line_search         AC         1.205           71         logi_assign         AC         1.205(cache d)	
68         last_word_le ngth         AC         1.205           69         lcm         AC         1.205(cache d)           70         line_search         AC         1.205           71         logi_assign         AC         1.205(cache d)	
ngth         69         lcm         AC         1.205(cache d)           70         line_search         AC         1.205           71         logi_assign         AC         1.205(cache d)	
70 line_search AC 1.205  71 logi_assign AC 1.205(cache d)	
71 logi_assign AC 1.205(cache d)	
d)	
72 long array AC 0.241/coche	
72 long_array AC 0.241(cache d)	
73 long_code AC 0.241(cache d)	
74 long_code2 AC 0.241(cache d)	
75 main AC 1.205(cache d)	
76 many_global AC 0.201(cache d)	
77 many_locals AC 0.201	
78 many_locals AC 0.201(cache d)	
79 many_para AC 0.201 ms3	
80 matrix_add AC 0.301(cache d)	
81 matrix_mul AC 0.301(cache d)	
82 matrix_sub AC 0.301(cache d)	
83 matrix_tran AC 0.301(cache d)	
84 max_contain AC 0.402 er	
85 max_flow AC 0.402(cache d)	
86 max_subseq AC 0.402 uence_sum	
87 mod AC 1.205	

题目 分值 批阅信息

88	mul	AC	1.205	
89	mulc	AC	1.205(cache d)	
90	multi	AC	1.205	
91	multiplicatio n_puzzle	AC	1.205(cache d)	
92	n_queens	AC	1.205(cache d)	
93	nested_calls	AC	0.402	
94	nested_calls 2	AC	0.402	
95	nested_loop s	AC	0.402(cache d)	
96	op_priority1	AC	0.241	
97	op_priority2	AC	0.241	
98	op_priority3	AC	0.241	
99	op_priority4	AC	0.241(cache d)	
100	op_priority5	AC	0.241(cache d)	
101	palindrome_ number	AC	1.205	
102	percolation	AC	1.205(cache d)	
103	register_allo c	AC	1.205(cache d)	
104	rem	AC	1.205	
105	remove_dup licate_eleme nt	AC	1.205	
106	reverse_out put	AC	1.205	
107	scope	AC	1.205(cache d)	
108	scope2	AC	1.205(cache d)	
109	short_circuit	AC	0.402(cache d)	
110	short_circuit 2	AC	0.402	
111	short_circuit 3	AC	0.402(cache d)	
112	side_effect	AC	1.205(cache d)	
113	skip_spaces	AC	1.205	
114	sort_test1	AC	0.172(cache d)	

# 题目 分值 批阅信息

115 116	sort_test2	AC	0.172(cache d)	
116			u)	
	sort_test3	AC	0.172(cache d)	
117	sort_test4	AC	0.172(cache d)	
118	sort_test5	AC	0.172(cache d)	
119	sort_test6	AC	0.172(cache d)	
120	sort_test7	AC	0.172(cache d)	
121	stmt_expr	AC	1.205(cache d)	
122	sub	AC	1.205	
123	sub2	AC	1.205(cache d)	
124	subc	AC	1.205	
125	substr	AC	1.205	
126	unary_op	AC	0.602	
127	unary_op2	AC	0.602	
128	unique_path	AC	1.205	
129	var_defn	AC	0.241(cache d)	
130	var_defn2	AC	0.241(cache d)	
131	var_defn3	AC	0.241	
132	var_defn_fun c	AC	0.241	
133	var_name	AC	0.241	
134	while_if	AC	0.172	
135	while_if_test 1	AC	0.172	
136	while_if_test 2	AC	0.172	
137	while_if_test 3	AC	0.172	
138	while_test1	AC	0.172	
139	while_test2	AC	0.172	
140	while_test3	AC	0.172(cache d)	
Performance Test	Skip performance test because of functional test failure			
No	Case Name	Status	Time	Log

> Compile Command

clang++ -std=c++17 -O2 -lm -L/extlibs -l/extlibs -lantlr4runtime /coursegrader/submitdata/src/Unit.cpp /coursegrader/submitdata/src/Function.cpp /coursegrader/submitdata/src/lexer.cpp /coursegrader/submitdata/src/Operand.cpp /coursegrader/submitdata/src/parser.cpp /coursegrader/submitdata/src/BasicBlock.cpp /coursegrader/submitdata/src/LinearScan.cpp /coursegrader/submitdata/src/DeadVariableElimination.cpp /coursegrader/submitdata/src/Ast.cpp /coursegrader/submitdata/src/LiveVariableAnalysis.cpp /coursegrader/submitdata/src/Instruction.cpp /coursegrader/submitdata/src/Type.cpp /coursegrader/submitdata/src/main.cpp /coursegrader/submitdata/src/Mul2LSL.cpp /course grader/submit data/src/Symbol Table.cpp/coursegrader/submitdata/src/MachineCode.cpp -I /coursegrader/submitdata/include -o /root/run/compiler

/coursegrader/submitdata/src/MachineCode.cpp:797:29: warning: object backin g the pointer will be destroyed at the end of the full-expression [-Wdangling-gs l]

const char \*func\_name = this->sym\_ptr->toStr().c\_str() + 1;

1 warning generated.

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