Summary

RE	Score(Functional Test)	97
	Time(Performance Test)	774 s 241442 us
Git Clone Command		
Last Commit At	-	

Detail

Functional Test	1 CE; 0 RE; 0 TLE; 1 WA; 138 AC			
No	Case Name	Status	Score	Log
1	json	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 1. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/23_json.sy
2	fp_params	WA	0.000	TERMSIG: 11
3	add2	AC	1.163	
4	addc	AC	1.163	
5	arr_defn2	AC	0.233	
6	arr_defn3	AC	0.233	
7	arr_defn4	AC	0.233	
8	arr_expr_len	AC	0.233	
9	assign_complex_expr	AC	1.163	
10	big_int_mul	AC	1.163	
11	brainfk	AC	1.163	
12	break	AC	0.581	
13	calculator	AC	1.163	
14	chaos_token	AC	1.163	
15	color	AC	1.163	
16	comment1	AC	1.163	
17	const_array_defn	AC	0.388	
18	const_var_defn2	AC	0.388	
19	const_var_defn3	AC	0.388	
20	continue	AC	1.163	
21	dijkstra	AC	1.163	
22	div	AC	1.163	
23	divc	AC	1.163	
24	empty_stmt	AC	1.163	

25	exgcd	AC	1.163	
26	expr_eval	AC	1.163	
27	float	AC	1.163	
28	full_conn	AC	1.163	
29	func_defn	AC	0.581	
30	hanoi	AC	1.163	
31	hex_defn	AC	0.581	
32	hex_oct_add	AC	0.581	
33	hidden_var	AC	1.163	
34	if_complex_expr	AC	0.233	
35	if_test2	AC	0.233	
36	if_test3	AC	0.233	
37	if_test4	AC	0.233	
38	if_test5	AC	0.233	
39	int_io	AC	1.163	
40	kmp	AC	1.163	
41	logi_assign	AC	1.163	
42	long_array	AC	0.194	
43	long_array2	AC	0.194	
44	long_code	AC	0.194	
45	long_code2	AC	0.194	
46	long_func	AC	0.194	
47	main	AC	1.163	
48	many_globals	AC	0.145	
49	many_locals	AC	0.145	
50	many_locals2	AC	0.145	
51	many_params	AC	0.145	
52	many_params2	AC	0.145	
53	matrix_add	AC	0.233	
54	matrix_mul	AC	0.233	
55	matrix_sub	AC	0.233	
56	matrix_tran	AC	0.233	
57	max_flow	AC	1.163	
58	mod	AC	1.163	
59	mul	AC	1.163	
60	mulc	AC	1.163	
61	n_queens	AC	1.163	
62	nested_calls	AC	0.581	

63	nested_loops	AC	0.581	
64	op_priority1	AC	0.233	
65	op_priority2	AC	0.233	
66	op_priority3	AC	0.233	
67	op_priority4	AC	0.233	
68	op_priority5	AC	0.233	
69	percolation	AC	1.163	
70	register_alloc	AC	1.163	
71	rem	AC	1.163	
72	reverse_output	AC	1.163	
73	scope	AC	1.163	
74	scope2	AC	1.163	
75	short_circuit	AC	0.581	
76	short_circuit3	AC	0.581	
77	side_effect	AC	0.581	
78	skip_spaces	AC	1.163	
79	sort_test1	AC	0.145	
80	sort_test2	AC	0.145	
81	sort_test3	AC	0.145	
82	sort_test4	AC	0.145	
83	sort_test5	AC	0.145	
84	sort_test6	AC	0.145	
85	sort_test7	AC	0.145	
86	stmt_expr	AC	1.163	
87	sub2	AC	1.163	
88	subc	AC	1.163	
89	substr	AC	1.163	
90	unary_op	AC	0.581	
91	unary_op2	AC	0.581	
92	var_defn2	AC	0.291	
93	var_defn3	AC	0.291	
94	var_defn_func	AC	0.291	
95	var_name	AC	0.291	
96	while_if	AC	0.166	
97	while_if_test1	AC	0.166	
98	while_if_test2	AC	0.166	
99	while_if_test3	AC	0.166	
100	while_test1	AC	0.166	

101	while_test2	AC	0.166	
102	while_test3	AC	0.166	
103	BFS	AC	1.163	
104	BST	AC	1.163	
105	DFS	AC	1.163	
106	DSU	AC	1.163	
107	LCA	AC	1.163	
108	arr_init_nd	AC	0.233	
109	array_only	AC	1.163	
110	branch	AC	1.163	
111	break_continue	AC	0.581	
112	comment2	AC	1.163	
113	dct	AC	1.163	
114	dp	AC	1.163	
115	func_name	AC	0.581	
116	global_arr_init	AC	1.163	
117	graph_coloring	AC	1.163	
118	k_smallest	AC	1.163	
119	light2d	AC	1.163	
120	long_line	AC	0.194	
121	many_dimensions	AC	0.145	
122	many_indirections	AC	0.145	
123	many_params3	AC	0.145	
124	math	AC	1.163	
125	matrix_multiply	AC	0.233	
126	maximal_clique	AC	1.163	
127	multi_branch	AC	0.581	
128	multi_loop	AC	0.581	
129	multiple_returns	AC	1.163	
130	param_name	AC	1.163	
131	prim	AC	1.163	
132	ret_in_block	AC	1.163	
133	rotate	AC	1.163	
134	scope3	AC	1.163	
135	scope4	AC	1.163	
136	scope5	AC	1.163	
137	search	AC	1.163	
138	side_effect2	AC	0.581	

No	Case Name	Status	Time	Log
139	sort	AC	0.145	
140	union_find	AC	1.163	
Performance Test	0 CE; 0 RE; 2 TLE; 0 WA; 57 AC			
No	Case Name	Status	Time	Log
1	hoist-3	TLE	-	Timeout while executing assembly on Raspberry Pi.(300 s)
2	integer-divide-optimization-3	TLE	-	Timeout while executing assembly on Raspberry Pi.(300 s)
3	bitset1	AC	2 s 14193 us	Timer@0056-0064: 0H-0M-2S-14193us TOTAL: 0H-0M-2S-14193us
4	bitset2	AC	4 s 32018 us	Timer@0056-0064: 0H-0M-4S-32018us TOTAL: 0H-0M-4S-32018us
5	bitset3	AC	6 s 43027 us	Timer@0056-0064: 0H-0M-6S-43027us TOTAL: 0H-0M-6S-43027us
6	brainfuck-bootstrap	AC	30 s 980138 us	Timer@0116-0118: 0H-0M-30S-980138us TOTAL: 0H-0M-30S-980138us
7	brainfuck-mandelbrot-nerf	AC	88 s 470402 us	Timer@0116-0118: 0H-1M-28S-470402us TOTAL: 0H-1M-28S-470402us
8	brainfuck-pi-nerf	AC	4 s 673979 us	Timer@0116-0118: 0H-0M-4S-673979us TOTAL: 0H-0M-4S-673979us
9	conv0	AC	14 s 233179 us	Timer@0109-0116: 0H-0M-14S-233179us TOTAL: 0H-0M-14S-233179us
10	conv1	AC	25 s 953866 us	Timer@0109-0116: 0H-0M-25S-953866us TOTAL: 0H-0M-25S-953866us
11	conv2	AC	19 s 704884 us	Timer@0109-0116: 0H-0M-19S-704884us TOTAL: 0H-0M-19S-704884us
12	crypto-1	AC	2 s 208391 us	Timer@0161-0184: 0H-0M-2S-208391us TOTAL: 0H-0M-2S-208391us
13	crypto-2	AC	1 s 812367 us	Timer@0161-0184: 0H-0M-1S-812367us TOTAL: 0H-0M-1S-812367us
14	crypto-3	AC	2 s 396298 us	Timer@0161-0184: 0H-0M-2S-396298us TOTAL: 0H-0M-2S-396298us

15	dead-code-elimination-1	AC	0 s 39 us	Timer@100016-100032: 0H-0M-0S-39us TOTAL: 0H-0M-0S-39us
16	dead-code-elimination-2	AC	0 s 3717 us	Timer@100016-100032: 0H-0M-0S-3717us TOTAL: 0H-0M-0S-3717us
17	dead-code-elimination-3	AC	0 s 370495 us	Timer@100016-100032: 0H-0M-0S-370495us TOTAL: 0H-0M-0S-370495us
18	fft0	AC	9 s 566176 us	Timer@0060-0079: 0H-0M-9S-566176us TOTAL: 0H-0M-9S-566176us
19	fft1	AC	20 s 868668 us	Timer@0060-0079: 0H-0M-20S-868668us TOTAL: 0H-0M-20S-868668us
20	fft2	AC	19 s 784920 us	Timer@0060-0079: 0H-0M-19S-784920us TOTAL: 0H-0M-19S-784920us
21	floyd-0	AC	0 s 100 us	Timer@0062-0064: 0H-0M-0S-100us TOTAL: 0H-0M-0S-100us
22	floyd-1	AC	0 s 59164 us	Timer@0062-0064: 0H-0M-0S-59164us TOTAL: 0H-0M-0S-59164us
23	floyd-2	AC	26 s 233061 us	Timer@0062-0064: 0H-0M-26S-233061us TOTAL: 0H-0M-26S-233061us
24	gameoflife-gosper	AC	23 s 626710 us	Timer@0095-0106: 0H-0M-23S-626710us TOTAL: 0H-0M-23S-626710us
25	gameoflife-oscillator	AC	20 s 868881 us	Timer@0095-0106: 0H-0M-20S-868881us TOTAL: 0H-0M-20S-868881us
26	gameoflife-p61glidergun	AC	21 s 65624 us	Timer@0095-0106: 0H-0M-21S-65624us TOTAL: 0H-0M-21S-65624us
27	hoist-1	AC	0 s 103683 us	Timer@0121-0123: 0H-0M-0S-103683us TOTAL: 0H-0M-0S-103683us
28	hoist-2	AC	101 s 695747 us	Timer@0121-0123: 0H-1M-41S-695747us TOTAL: 0H-1M-41S-695747us

29	instruction-combining-1	AC	0 s 52176 us	Timer@10015-10030: 0H-0M-0S-52176us TOTAL: 0H-0M-0S-52176us
30	instruction-combining-2	AC	13 s 135161 us	Timer@10015-10030: 0H-0M-13S-135161us TOTAL: 0H-0M-13S-135161us
31	instruction-combining-3	AC	13 s 134244 us	Timer@10015-10030: 0H-0M-13S-134244us TOTAL: 0H-0M-13S-134244us
32	integer-divide-optimization-1	AC	0 s 170584 us	Timer@1016-1031: 0H-0M-0S-170584us TOTAL: 0H-0M-0S-170584us
33	integer-divide-optimization-2	AC	86 s 123327 us	Timer@1016-1031: 0H-1M-26S-123327us TOTAL: 0H-1M-26S-123327us
34	median0	AC	9 s 819784 us	Timer@0059-0061: 0H-0M-9S-819784us TOTAL: 0H-0M-9S-819784us
35	median1	AC	5 s 664053 us	Timer@0059-0061: 0H-0M-5S-664053us TOTAL: 0H-0M-5S-664053us
36	median2	AC	56 s 792876 us	Timer@0059-0061: 0H-0M-56S-792876us TOTAL: 0H-0M-56S-792876us
37	mm1	AC	9 s 573775 us	Timer@0065-0084: 0H-0M-9S-573775us TOTAL: 0H-0M-9S-573775us
38	mm2	AC	8 s 526046 us	Timer@0065-0084: 0H-0M-8S-526046us TOTAL: 0H-0M-8S-526046us
39	mm3	AC	6 s 593691 us	Timer@0065-0084: 0H-0M-6S-593691us TOTAL: 0H-0M-6S-593691us
40	mv1	AC	8 s 475744 us	Timer@0059-0067: 0H-0M-8S-475744us TOTAL: 0H-0M-8S-475744us
41	mv2	AC	5 s 30295 us	Timer@0059-0067: 0H-0M-5S-30295us TOTAL: 0H-0M-5S-30295us
42	mv3	AC	6 s 347466 us	Timer@0059-0067: 0H-0M-6S-347466us TOTAL: 0H-0M-6S-347466us

43	shuffle0	AC	8 s 168793 us	Timer@0078-0090: 0H-0M-8S-168793us TOTAL: 0H-0M-8S-168793us
44	shuffle1	AC	10 s 933531 us	Timer@0078-0090: 0H-0M-10S-933531us TOTAL: 0H-0M-10S-933531us
45	shuffle2	AC	4 s 282461 us	Timer@0078-0090: 0H-0M-4S-282461us TOTAL: 0H-0M-4S-282461us
46	sl1	AC	8 s 277934 us	Timer@0013-0053: 0H-0M-8S-277934us TOTAL: 0H-0M-8S-277934us
47	sl2	AC	3 s 54072 us	Timer@0013-0053: 0H-0M-3S-54072us TOTAL: 0H-0M-3S-54072us
48	sl3	AC	1 s 413498 us	Timer@0013-0053: 0H-0M-1S-413498us TOTAL: 0H-0M-1S-413498us
49	sort1	AC	1 s 711623 us	Timer@0090-0102: 0H-0M-1S-711623us TOTAL: 0H-0M-1S-711623us
50	sort2	AC	22 s 303125 us	Timer@0090-0102: 0H-0M-22S-303125us TOTAL: 0H-0M-22S-303125us
51	sort3	AC	4 s 304709 us	Timer@0090-0102: 0H-0M-4S-304709us TOTAL: 0H-0M-4S-304709us
52	spmv1	AC	4 s 504443 us	Timer@0039-0047: 0H-0M-4S-504443us TOTAL: 0H-0M-4S-504443us
53	spmv2	AC	3 s 22755 us	Timer@0039-0047: 0H-0M-3S-22755us TOTAL: 0H-0M-3S-22755us
54	spmv3	AC	2 s 939943 us	Timer@0039-0047: 0H-0M-2S-939943us TOTAL: 0H-0M-2S-939943us
55	stencil0	AC	0 s 45990 us	Timer@0023-0059: 0H-0M-0S-45990us TOTAL: 0H-0M-0S-45990us
56	stencil1	AC	0 s 106558 us	Timer@0023-0059: 0H-0M-0S-106558us TOTAL: 0H-0M-0S-106558us

57	transpose0	AC	4 s 630006 us	Timer@0028-0047: 0H-0M-4S-630006us TOTAL: 0H-0M-4S-630006us
58	transpose1	AC	5 s 405880 us	Timer@0028-0047: 0H-0M-5S-405880us TOTAL: 0H-0M-5S-405880us
59	transpose2	AC	12 s 927172 us	Timer@0028-0047: 0H-0M-12S-927172us TOTAL: 0H-0M-12S-927172us

Compile Log

Compile Command	javac -d /root/run/classes -encoding utf-8 -cp .:/coursegrader/dockerext/java-cup-11b-runtime.jar:/coursegrader/dockerext/antlr-4.8-complete.jar -sourcepath /coursegrader/submitdata /coursegrader/submitdata/src/Compiler.java /coursegrader/submitdata/src/FunctionalDebug.java /coursegrader/submitdata/src/DebugTools.java /coursegrader/submitdata/src/Main.java /coursegrader/submitdata/src/ir/Value.java /coursegrader/submitdata/src/ir/GlobalVar.java /coursegrader/submitdata/src/ir/Function.java /coursegrader/submitdata/src/ir/IRVerifyException.java /coursegrader/submitdata/src/ir/User.java /coursegrader/submitdata/src/ir/Parameter.java /coursegrader/submitdata/src/ir/GlobalModifitationStatus.java /coursegrader/submitdata/src/ir/Module.java /coursegrader/submitdata/src/ir/BasicBlock.java /coursegrader/submitdata/src/utils/ReflectiveTools.java /coursegrader/submitdata/src/utils/Pair.java /coursegrader/submitdata/src/utils/StringUtils.java /coursegrader/submitdata/src/utils/LLVMDumper.java /coursegrader/submitdata/src/utils/INode.java /coursegrader/submitdata/src/utils/IList.java /coursegrader/submitdata/src/utils/CollectionTools.java /coursegrader/submitdata/src/utils/ChainMap.java /coursegrader/submitdata/src/utils/INodeOwner.java /coursegrader/submitdata/src/utils/IListException.java /coursegrader/submitdata/src/utils/Log.java /coursegrader/submitdata/src/utils/IListOwner.java /coursegrader/submitdata/src/utils/LogFailException.java /coursegrader/submitdata/src/utils/IteratorTools.java /coursegrader/submitdata/src/backend/Consts.java /coursegrader/submitdata/src/frontend/SysYParser.java /coursegrader/submitdata/src/frontend/SourceCodeSymbol.java /coursegrader/submitdata/src/frontend/SysYLexer.java /coursegrader/submitdata/src/frontend/IRGen.java /coursegrader/submitdata/src/frontend/SysYVisitor.java /coursegrader/submitdata/src/frontend/IRBuilder.java /coursegrader/submitdata/src/frontend/SemanticException.java /coursegrader/submitdata/src/frontend/SymbolTable.java /coursegrader/submitdata/src/frontend/SysYBaseVisitor.java /coursegrader/submitdata/src/ir/type/PointerIRTy.java /coursegrader/submitdata/src/ir/type/FunctionIRTy.java /coursegrader/submitdata/src/ir/type/SimpleIRTy.java /coursegrader/submitdata/src/ir/type/IRTypeException.java /coursegrader/submitdata/src/ir/type/ArrayIRTy.java /coursegrader/submitdata/src/ir/type/IRType.java /coursegrader/submitdata/src/ir/type/IRTyKind.java /coursegrader/submitdata/src/ir/inst/MemInitInst.java /coursegrader/submitdata/src/ir/inst/BrCondInst.java /coursegrader/submitdata/src/ir/inst/GEPInst.java /coursegrader/submitdata/src/ir/inst/IntToFloatInst.java /coursegrader/submitdata/src/ir/inst/LoadInst.java /coursegrader/submitdata/src/ir/inst/CallInst.java /coursegrader/submitdata/src/ir/inst/BinaryOpInst.java /coursegrader/submitdata/src/ir/inst/InstKind.java /coursegrader/submitdata/src/ir/inst/CAllocInst.java /coursegrader/submitdata/src/ir/inst/ReturnInst.java /coursegrader/submitdata/src/ir/inst/CmpInst.java /coursegrader/submitdata/src/ir/inst/Instruction.java /coursegrader/submitdata/src/ir/inst/BrInst.java /coursegrader/submitdata/src/ir/inst/UnaryOpInst.java /coursegrader/submitdata/src/ir/inst/PhiInst.java /coursegrader/submitdata/src/ir/inst/StoreInst.java /coursegrader/submitdata/src/ir/inst/FloatToIntInst.java /coursegrader/submitdata/src/ir/inst/BoolToIntInst.java /coursegrader/submitdata/src/ir/analysis/AnalysisInfoOwner.java /coursegrader/submitdata/src/ir/analysis/AnalysisInfo.java /coursegrader/submitdata/src/ir/constant/FloatConst.java /coursegrader/submitdata/src/ir/constant/IntConst.java /coursegrader/submitdata/src/ir/constant/ArrayConst.java /coursegrader/submitdata/src/ir/constant/BoolConst.java /coursegrader/submitdata/src/ir/constant/Constant.java /coursegrader/submitdata/src/ir/visitor/ConstantVisitor.java /coursegrader/submitdata/src/ir/visitor/ValueVisitor.java /coursegrader/submitdata/src/ir/visitor/InstructionVisitor.java /coursegrader/submitdata/src/pass/ir/FunctionInline.java /coursegrader/submitdata/src/pass/ir/ClearUnreachableBlock.java /coursegrader/submitdata/src/pass/ir/ConstantFold.java /coursegrader/submitdata/src/pass/ir/MergeDirectBranch.java /coursegrader/submitdata/src/pass/ir/RemoveTravialPhi.java /coursegrader/submitdata/src/pass/ir/IRPass.java /coursegrader/submitdata/src/pass/ir/IRPassManager.java /coursegrader/submitdata/src/pass/ir/SimpleGVN.java /coursegrader/submitdata/src/pass/ir/ConstructDominatorInfo.java /coursegrader/submitdata/src/pass/ir/ClearUselessFunction.java /coursegrader/submitdata/src/pass/ir/ClearUselessInstruction.java /coursegrader/submitdata/src/pass/backend/BackendPassManager.java /coursegrader/submitdata/src/pass/backend/BackendPass.java /coursegrader/submitdata/src/backend/codegen/CodeGenManager.java /coursegrader/submitdata/src/backend/regallocator/SimpleGraphColoring.java /coursegrader/submitdata/src/backend/regallocator/LivenessAnalysis.java /coursegrader/submitdata/src/backend/regallocator/RegAllocator.java /coursegrader/submitdata/src/backend/arm/ArmInstUnary.java /coursegrader/submitdata/src/backend/arm/ArmInstMove.java /coursegrader/submitdata/src/backend/arm/ArmInstStore.java /coursegrader/submitdata/src/backend/arm/ArmInstLtorg.java /coursegrader/submitdata/src/backend/arm/ArmInstBinary.java /coursegrader/submitdata/src/backend/arm/ArmInstLoad.java /coursegrader/submitdata/src/backend/arm/ArmInstReturn.java /coursegrader/submitdata/src/backend/arm/ArmInst.java /coursegrader/submitdata/src/backend/arm/ArmFunction.java /coursegrader/submitdata/src/backend/arm/ArmBlock.java /coursegrader/submitdata/src/backend/arm/ArmInstFloatToInt.java /coursegrader/submitdata/src/backend/arm/ArmInstIntToFloat.java /coursegrader/submitdata/src/backend/arm/ArmInstBranch.java /coursegrader/submitdata/src/backend/arm/ArmInstCmp.java /coursegrader/submitdata/src/backend/arm/ArmInstCall.java /coursegrader/submitdata/src/backend/arm/ArmInstTernay.java /coursegrader/submitdata/src/backend/operand/FVirtualReg.java /coursegrader/submitdata/src/backend/operand/Operand.java /coursegrader/submitdata/src/backend/operand/FPhyReg.java /coursegrader/submitdata/src/backend/operand/Reg.java /coursegrader/submitdata/src/backend/operand/FImm.java /coursegrader/submitdata/src/backend/operand/IPhyReg.java /coursegrader/submitdata/src/backend/operand/Addr.java /coursegrader/submitdata/src/backend/operand/IVirtualReg.java /coursegrader/submitdata/src/backend/operand/Imm.java /coursegrader/submitdata/src/backend/operand/IImm.java /coursegrader/submitdata/src/frontend/info/CurrDefInfo.java /coursegrader/submitdata/src/frontend/info/FinalInfo.java /coursegrader/submitdata/src/frontend/folder/IntConstantFolder.java /coursegrader/submitdata/src/frontend/folder/CondFolder.java /coursegrader/submitdata/src/frontend/folder/FloatConstantFolder.java /coursegrader/submitdata/src/pass/ir/memory/ReplaceUnnecessaryLoad.java /coursegrader/submitdata/src/pass/ir/memory/MemCache.java /coursegrader/submitdata/src/pass/ir/memory/RemoveUnnecessaryArray.java /coursegrader/submitdata/src/pass/ir/memory/MemoryInfo.java /coursegrader/submitdata/src/pass/ir/memory/MemHandler.java /coursegrader/submitdata/src/pass/ir/memory/CollectMemoryDefinition.java /coursegrader/submitdata/src/pass/ir/memory/MemPosition.java /coursegrader/submitdata/src/pass/ir/dataflow/DataFlowInfo.java /coursegrader/submitdata/src/pass/ir/dataflow/ForwardDataFlowPass.java && cd /root/run/classes && jar xf /coursegrader/dockerext/java-cup-11b-runtime.jar && jar xf /coursegrader/dockerext/antlr-4.8-complete.jar && jar --create --file /root/run/compiler.jar --main-class Compiler -C /root/run/classes .