

Summary		
TLE	Score(Functional Test)	95
	Time(Performance Test)	91 s 466728 us
Git Clone Command		
Last Commit At	-	
Time Information		
Compile time	3 s 470 ms	
Last case :sl2 ; Step: generate executable file ; Elapsed time : 3715 s 741 ms		
No	CaseName	Time
1	break_continue	0 s 572 ms
2	multiple_returns	0 s 226 ms
3	ret_in_block	0 s 242 ms
4	scope4	0 s 385 ms
5	add2	3 s 241 ms
6	addc	3 s 262 ms
7	arr_defn2	3 s 178 ms
8	arr_defn3	3 s 489 ms
9	arr_defn4	3 s 298 ms
10	arr_expr_len	3 s 259 ms
11	assign_complex_expr	3 s 286 ms
12	big_int_mul	3 s 650 ms
13	brainfk	3 s 635 ms
14	break	3 s 407 ms
15	calculator	3 s 860 ms
16	chaos_token	3 s 594 ms
17	color	6 s 547 ms
18	comment1	3 s 252 ms
19	const_array_defn	3 s 305 ms
20	const_var_defn2	3 s 309 ms
21	const_var_defn3	3 s 242 ms
22	continue	3 s 406 ms
23	dijkstra	3 s 655 ms
24	div	3 s 242 ms
25	divc	3 s 279 ms
26	empty_stmt	3 s 239 ms
27	exgcd	3 s 430 ms

28	expr_eval	3 s 941 ms
29	float	3 s 954 ms
30	full_conn	4 s 132 ms
31	func_defn	3 s 269 ms
32	hanoi	3 s 465 ms
33	hex_defn	3 s 307 ms
34	hex_oct_add	3 s 312 ms
35	hidden_var	3 s 521 ms
36	if_complex_expr	3 s 414 ms
37	if_test2	3 s 467 ms
38	if_test3	3 s 295 ms
39	if_test4	3 s 386 ms
40	if_test5	3 s 362 ms
41	int_io	3 s 490 ms
42	kmp	3 s 688 ms
43	logi_assign	3 s 365 ms
44	long_array	3 s 729 ms
45	long_array2	3 s 507 ms
46	long_code	4 s 104 ms
47	long_code2	10 s 830 ms
48	long_func	4 s 894 ms
49	main	3 s 356 ms
50	many_globals	3 s 565 ms
51	many_locals	3 s 359 ms
52	many_locals2	3 s 499 ms
53	many_params	3 s 759 ms
54	many_params2	3 s 555 ms
55	matrix_add	3 s 560 ms
56	matrix_mul	3 s 646 ms
57	matrix_sub	3 s 539 ms
58	matrix_tran	3 s 601 ms
59	max_flow	3 s 703 ms
60	mod	3 s 248 ms
61	mul	3 s 209 ms
62	mulc	3 s 260 ms
63	n_queens	3 s 454 ms
64	nested_calls	3 s 740 ms
65	nested_loops	4 s 72 ms

66	op_priority1	3 s 215 ms
67	op_priority2	3 s 211 ms
68	op_priority3	3 s 254 ms
69	op_priority4	3 s 495 ms
70	op_priority5	3 s 442 ms
71	percolation	3 s 851 ms
72	register_alloc	4 s 779 ms
73	rem	3 s 187 ms
74	reverse_output	3 s 331 ms
75	scope	3 s 469 ms
76	scope2	3 s 468 ms
77	short_circuit	3 s 531 ms
78	short_circuit3	3 s 603 ms
79	side_effect	3 s 506 ms
80	skip_spaces	3 s 430 ms
81	sort_test1	3 s 572 ms
82	sort_test2	3 s 449 ms
83	sort_test3	3 s 597 ms
84	sort_test4	3 s 581 ms
85	sort_test5	3 s 636 ms
86	sort_test6	3 s 568 ms
87	sort_test7	3 s 765 ms
88	stmt_expr	3 s 369 ms
89	sub2	3 s 202 ms
90	subc	3 s 228 ms
91	substr	3 s 712 ms
92	unary_op	3 s 299 ms
93	unary_op2	3 s 307 ms
94	var_defn2	3 s 306 ms
95	var_defn3	3 s 227 ms
96	var_defn_func	3 s 241 ms
97	var_name	3 s 433 ms
98	while_if	3 s 507 ms
99	while_if_test1	3 s 506 ms
100	while_if_test2	3 s 413 ms
101	while_if_test3	3 s 411 ms
102	while_test1	3 s 347 ms
103	while_test2	3 s 530 ms

104	while_test3	3 s 712 ms
105	BFS	3 s 797 ms
106	BST	3 s 727 ms
107	DFS	3 s 835 ms
108	DSU	3 s 816 ms
109	LCA	3 s 908 ms
110	arr_init_nd	3 s 331 ms
111	array_only	3 s 583 ms
112	branch	3 s 385 ms
113	comment2	3 s 203 ms
114	dct	3 s 786 ms
115	dp	3 s 560 ms
116	fp_params	4 s 130 ms
117	func_name	3 s 245 ms
118	global_arr_init	3 s 194 ms
119	graph_coloring	3 s 606 ms
120	json	32 s 351 ms
121	k_smallest	3 s 619 ms
122	light2d	6 s 582 ms
123	long_line	19 s 282 ms
124	many_dimensions	3 s 896 ms
125	many_indirections	3 s 482 ms
126	many_params3	3 s 494 ms
127	math	3 s 763 ms
128	matrix_multiply	3 s 601 ms
129	maximal_clique	3 s 564 ms
130	multi_branch	6 s 195 ms
131	multi_loop	7 s 389 ms
132	param_name	3 s 290 ms
133	prim	3 s 718 ms
134	rotate	3 s 894 ms
135	scope3	3 s 372 ms
136	scope5	3 s 505 ms
137	search	3 s 759 ms
138	side_effect2	4 s 72 ms
139	sort	3 s 822 ms
140	union_find	3 s 516 ms
1	hoist-3	314 s 344 ms

2	bitset2	7 s 773 ms
3	brainfuck-bootstrap	31 s 28 ms
4	dead-code-elimination-3	5 s 325 ms
5	gameoflife-p61glidergun	24 s 164 ms
6	instruction-combining-2	46 s 881 ms
7	integer-divide-optimization-1	14 s 778 ms
8	shuffle1	64 s 414 ms
9	transpose2	22 s 776 ms

Detail

Functional Test	4 CE; 0 RE; 0 TLE; 0 WA; 136 AC			
No	Case Name	Status	Score	Log
1	break_continue	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 2. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/04_break_continue.sy
2	multiple_returns	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 4. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/01_multiple_returns.sy
3	ret_in_block	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 4. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/02_ret_in_block.sy
4	scope4	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 2. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/26_scope4.sy
5	add2	AC	1.163	
6	addc	AC	1.163	
7	arr_defn2	AC	0.233	
8	arr_defn3	AC	0.233	
9	arr_defn4	AC	0.233	
10	arr_expr_len	AC	0.233	
11	assign_complex_expr	AC	1.163	
12	big_int_mul	AC	1.163	
13	brainfk	AC	1.163	

14	break	AC	0.581	
15	calculator	AC	1.163	
16	chaos_token	AC	1.163	
17	color	AC	1.163	
18	comment1	AC	1.163	
19	const_array_defn	AC	0.388	
20	const_var_defn2	AC	0.388	
21	const_var_defn3	AC	0.388	
22	continue	AC	1.163	
23	dijkstra	AC	1.163	
24	div	AC	1.163	
25	divc	AC	1.163	
26	empty_stmt	AC	1.163	
27	exgcd	AC	1.163	
28	expr_eval	AC	1.163	
29	float	AC	1.163	
30	full_conn	AC	1.163	
31	func_defn	AC	0.581	
32	hanoi	AC	1.163	
33	hex_defn	AC	0.581	
34	hex_oct_add	AC	0.581	
35	hidden_var	AC	1.163	
36	if_complex_expr	AC	0.233	
37	if_test2	AC	0.233	
38	if_test3	AC	0.233	
39	if_test4	AC	0.233	
40	if_test5	AC	0.233	
41	int_io	AC	1.163	
42	kmp	AC	1.163	
43	logi_assign	AC	1.163	
44	long_array	AC	0.194	
45	long_array2	AC	0.194	
46	long_code	AC	0.194	
47	long_code2	AC	0.194	
48	long_func	AC	0.194	
49	main	AC	1.163	
50	many_globals	AC	0.145	
51	many_locals	AC	0.145	

52	many_locals2	AC	0.145	
53	many_params	AC	0.145	
54	many_params2	AC	0.145	
55	matrix_add	AC	0.233	
56	matrix_mul	AC	0.233	
57	matrix_sub	AC	0.233	
58	matrix_tran	AC	0.233	
59	max_flow	AC	1.163	
60	mod	AC	1.163	
61	mul	AC	1.163	
62	mulc	AC	1.163	
63	n_queens	AC	1.163	
64	nested_calls	AC	0.581	
65	nested_loops	AC	0.581	
66	op_priority1	AC	0.233	
67	op_priority2	AC	0.233	
68	op_priority3	AC	0.233	
69	op_priority4	AC	0.233	
70	op_priority5	AC	0.233	
71	percolation	AC	1.163	
72	register_alloc	AC	1.163	
73	rem	AC	1.163	
74	reverse_output	AC	1.163	
75	scope	AC	1.163	
76	scope2	AC	1.163	
77	short_circuit	AC	0.581	
78	short_circuit3	AC	0.581	
79	side_effect	AC	0.581	
80	skip_spaces	AC	1.163	
81	sort_test1	AC	0.145	
82	sort_test2	AC	0.145	
83	sort_test3	AC	0.145	
84	sort_test4	AC	0.145	
85	sort_test5	AC	0.145	
86	sort_test6	AC	0.145	
87	sort_test7	AC	0.145	
88	stmt_expr	AC	1.163	
89	sub2	AC	1.163	

90	subc	AC	1.163	
91	substr	AC	1.163	
92	unary_op	AC	0.581	
93	unary_op2	AC	0.581	
94	var_defn2	AC	0.291	
95	var_defn3	AC	0.291	
96	var_defn_func	AC	0.291	
97	var_name	AC	0.291	
98	while_if	AC	0.166	
99	while_if_test1	AC	0.166	
100	while_if_test2	AC	0.166	
101	while_if_test3	AC	0.166	
102	while_test1	AC	0.166	
103	while_test2	AC	0.166	
104	while_test3	AC	0.166	
105	BFS	AC	1.163	
106	BST	AC	1.163	
107	DFS	AC	1.163	
108	DSU	AC	1.163	
109	LCA	AC	1.163	
110	arr_init_nd	AC	0.233	
111	array_only	AC	1.163	
112	branch	AC	1.163	
113	comment2	AC	1.163	
114	dct	AC	1.163	
115	dp	AC	1.163	
116	fp_params	AC	1.163	
117	func_name	AC	0.581	
118	global_arr_init	AC	1.163	
119	graph_coloring	AC	1.163	
120	json	AC	1.163	
121	k_smallest	AC	1.163	
122	light2d	AC	1.163	
123	long_line	AC	0.194	
124	many_dimensions	AC	0.145	
125	many_indirections	AC	0.145	
126	many_params3	AC	0.145	
127	math	AC	1.163	

128	matrix_multiply	AC	0.233	
129	maximal_clique	AC	1.163	
130	multi_branch	AC	0.581	
131	multi_loop	AC	0.581	
132	param_name	AC	1.163	
133	prim	AC	1.163	
134	rotate	AC	1.163	
135	scope3	AC	1.163	
136	scope5	AC	1.163	
137	search	AC	1.163	
138	side_effect2	AC	0.581	
139	sort	AC	0.145	
140	union_find	AC	1.163	
Performance Test		0 CE; 0 RE; 1 TLE; 0 WA; 8 AC		
No	Case Name	Status	Time	Log
1	hoist-3	TLE	-	Timeout while executing assembly on Raspberry Pi.(300 s)
2	bitset2	AC	3 s 944283 us	Timer@0056-0064: 0H-0M-3S-944283us TOTAL: 0H-0M-3S-944283us
3	brainfuck-bootstrap	AC	27 s 185258 us	Timer@0116-0118: 0H-0M-27S-185258us TOTAL: 0H-0M-27S-185258us
4	dead-code-elimination-3	AC	0 s 360463 us	Timer@100016-100032: 0H-0M-0S-360463us TOTAL: 0H-0M-0S-360463us
5	gameoflife-p61glidergun	AC	20 s 180908 us	Timer@0095-0106: 0H-0M-20S-180908us TOTAL: 0H-0M-20S-180908us
6	instruction-combining-2	AC	13 s 127907 us	Timer@10015-10030: 0H-0M-13S-127907us TOTAL: 0H-0M-13S-127907us
7	integer-divide-optimization-1	AC	0 s 210980 us	Timer@1016-1031: 0H-0M-0S-210980us TOTAL: 0H-0M-0S-210980us
8	shuffle1	AC	13 s 436839 us	Timer@0078-0090: 0H-0M-13S-436839us TOTAL: 0H-0M-13S-436839us
9	transpose2	AC	13 s 20090 us	Timer@0028-0047: 0H-0M-13S-20090us TOTAL: 0H-0M-13S-20090us
10	bitset1		-	

11	bitset3		-	
12	brainfuck-mandelbrot-nerf		-	
13	brainfuck-pi-nerf		-	
14	conv0		-	
15	conv1		-	
16	conv2		-	
17	crypto-1		-	
18	crypto-2		-	
19	crypto-3		-	
20	dead-code-elimination-1		-	
21	dead-code-elimination-2		-	
22	fft0		-	
23	fft1		-	
24	fft2		-	
25	floyd-0		-	
26	floyd-1		-	
27	floyd-2		-	
28	gameoflife-gosper		-	
29	gameoflife-oscillator		-	
30	hoist-1		-	
31	hoist-2		-	
32	instruction-combining-1		-	
33	instruction-combining-3		-	
34	integer-divide-optimization-2		-	
35	integer-divide-optimization-3		-	
36	median0		-	
37	median1		-	
38	median2		-	
39	mm1		-	
40	mm2		-	
41	mm3		-	
42	mv1		-	
43	mv2		-	
44	mv3		-	
45	shuffle0		-	
46	shuffle2		-	
47	sl1		-	
48	sl2		-	

49	sl3		-	
50	sort1		-	
51	sort2		-	
52	sort3		-	
53	spmv1		-	
54	spmv2		-	
55	spmv3		-	
56	stencil0		-	
57	stencil1		-	
58	transpose0		-	
59	transpose1		-	

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/LinkedList.java /coursegrader/submitdata/src/utils/CollectionTools.java /coursegrader/submitdata/src/utils/ChainMap.java /coursegrader/submitdata/src/utils/INodeOwner.java /coursegrader/submitdata/src/utils/LinkedListException.java /coursegrader/submitdata/src/utils/Log.java /coursegrader/submitdata/src/utils/LinkedListOwner.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/PointerType.java /coursegrader/submitdata/src/ir/type/FunctionIRType.java /coursegrader/submitdata/src/ir/type/SimpleIRType.java /coursegrader/submitdata/src/ir/type/IRTypeException.java /coursegrader/submitdata/src/ir/type/ArrayIRType.java /coursegrader/submitdata/src/ir/type/IRType.java /coursegrader/submitdata/src/ir/type/IRTypeKind.java /coursegrader/submitdata/src/ir/inst/MemInitInst.java /coursegrader/submitdata/src/ir/inst/BranchInst.java /coursegrader/submitdata/src/ir/inst/GEPIInst.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/BranchInst.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/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/CleanupUnreachableBlock.java /coursegrader/submitdata/src/pass/ir/ConstantFold.java /coursegrader/submitdata/src/pass/ir/MergeDirectBranch.java /coursegrader/submitdata/src/pass/ir/RemoveTrivialPhi.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/ConstructDominotorInfo.java /coursegrader/submitdata/src/pass/ir/CleanupUselessFunction.java /coursegrader/submitdata/src/pass/ir/CleanupUselessInstruction.java /coursegrader/submitdata/src/backend/regallocator/SimpleGraphColoring.java /coursegrader/submitdata/src/backend/regallocator/LivenessAnalysis.java /coursegrader/submitdata/src/backend/regallocator/BMap.java /coursegrader/submitdata/src/backend/regallocator/SimpleRegisterAllocator.java /coursegrader/submitdata/src/backend/regallocator/RegPool.java /coursegrader/submitdata/src/backend/regallocator/MemPool.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/ArmInstLdorg.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/ArmInstJava /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/ArmInstTernary.java /coursegrader/submitdata/src/backend/operand/FVirtualReg.java /coursegrader/submitdata/src/backend/operand/Operand.java /coursegrader/submitdata/src/backend/operand/FPhysReg.java /coursegrader/submitdata/src/backend/operand/Reg.java /coursegrader/submitdata/src/backend/operand/Imm.java /coursegrader/submitdata/src/backend/operand/IPhysReg.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/Imm.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 && create --file /root/run/compiler.jar --main-class Compiler -C /root/run/classes .
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