

Summary				
RE		Score(Functional Test)	99	
		Time(Performance Test)	352 s 890638 us	
Git Clone Command				
Last Commit At	-			
Detail				
Functional Test	0 CE; 0 RE; 1 TLE; 0 WA; 139 AC			
No	Case Name	Status	Score	Log
1	long_line	TLE	0.000	
2	add2	AC	1.163	
3	addc	AC	1.163	
4	arr_defn2	AC	0.233	
5	arr_defn3	AC	0.233	
6	arr_defn4	AC	0.233	
7	arr_expr_len	AC	0.233	
8	assign_complex_expr	AC	1.163	
9	big_int_mul	AC	1.163	
10	brainfk	AC	1.163	
11	break	AC	0.581	
12	calculator	AC	1.163	
13	chaos_token	AC	1.163	
14	color	AC	1.163	
15	comment1	AC	1.163	
16	const_array_defn	AC	0.388	
17	const_var_defn2	AC	0.388	
18	const_var_defn3	AC	0.388	
19	continue	AC	1.163	
20	dijkstra	AC	1.163	
21	div	AC	1.163	
22	divc	AC	1.163	
23	empty_stmt	AC	1.163	
24	exgcd	AC	1.163	
25	expr_eval	AC	1.163	
26	float	AC	1.163	
27	full_conn	AC	1.163	
28	func_defn	AC	0.581	

29	hanoi	AC	1.163
30	hex_defn	AC	0.581
31	hex_oct_add	AC	0.581
32	hidden_var	AC	1.163
33	if_complex_expr	AC	0.233
34	if_test2	AC	0.233
35	if_test3	AC	0.233
36	if_test4	AC	0.233
37	if_test5	AC	0.233
38	int_io	AC	1.163
39	kmp	AC	1.163
40	logi_assign	AC	1.163
41	long_array	AC	0.194
42	long_array2	AC	0.194
43	long_code	AC	0.194
44	long_code2	AC	0.194
45	long_func	AC	0.194
46	main	AC	1.163
47	many_globals	AC	0.145
48	many_locals	AC	0.145
49	many_locals2	AC	0.145
50	many_params	AC	0.145
51	many_params2	AC	0.145
52	matrix_add	AC	0.233
53	matrix_mul	AC	0.233
54	matrix_sub	AC	0.233
55	matrix_tran	AC	0.233
56	max_flow	AC	1.163
57	mod	AC	1.163
58	mul	AC	1.163
59	mulc	AC	1.163
60	n_queens	AC	1.163
61	nested_calls	AC	0.581
62	nested_loops	AC	0.581
63	op_priority1	AC	0.233
64	op_priority2	AC	0.233
65	op_priority3	AC	0.233
66	op_priority4	AC	0.233

67	op_priority5	AC	0.233
68	percolation	AC	1.163
69	register_alloc	AC	1.163
70	rem	AC	1.163
71	reverse_output	AC	1.163
72	scope	AC	1.163
73	scope2	AC	1.163
74	short_circuit	AC	0.581
75	short_circuit3	AC	0.581
76	side_effect	AC	0.581
77	skip_spaces	AC	1.163
78	sort_test1	AC	0.145
79	sort_test2	AC	0.145
80	sort_test3	AC	0.145
81	sort_test4	AC	0.145
82	sort_test5	AC	0.145
83	sort_test6	AC	0.145
84	sort_test7	AC	0.145
85	stmt_expr	AC	1.163
86	sub2	AC	1.163
87	subc	AC	1.163
88	substr	AC	1.163
89	unary_op	AC	0.581
90	unary_op2	AC	0.581
91	var_defn2	AC	0.291
92	var_defn3	AC	0.291
93	var_defn_func	AC	0.291
94	var_name	AC	0.291
95	while_if	AC	0.166
96	while_if_test1	AC	0.166
97	while_if_test2	AC	0.166
98	while_if_test3	AC	0.166
99	while_test1	AC	0.166
100	while_test2	AC	0.166
101	while_test3	AC	0.166
102	BFS	AC	1.163
103	BST	AC	1.163
104	DFS	AC	1.163

105	DSU	AC	1.163	
106	LCA	AC	1.163	
107	arr_init_nd	AC	0.233	
108	array_only	AC	1.163	
109	branch	AC	1.163	
110	break_continue	AC	0.581	
111	comment2	AC	1.163	
112	dct	AC	1.163	
113	dp	AC	1.163	
114	fp_params	AC	1.163	
115	func_name	AC	0.581	
116	global_arr_init	AC	1.163	
117	graph_coloring	AC	1.163	
118	json	AC	1.163	
119	k_smallest	AC	1.163	
120	light2d	AC	1.163	
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	
139	sort	AC	0.145	
140	union_find	AC	1.163	
Performance Test	0 CE; 0 RE; 0 TLE; 0 WA; 32 AC			
No	Case Name	Status	Time	Log

1	bitset1	AC	1 s 767394 us
2	bitset2	AC	3 s 531270 us
3	bitset3	AC	5 s 297130 us
4	brainfuck-bootstrap	AC	30 s 503071 us
5	brainfuck-mandelbrot-nerf	AC	82 s 543166 us
6	brainfuck-pi-nerf	AC	4 s 597169 us
7	crypto-1	AC	1 s 625170 us
8	crypto-2	AC	1 s 331629 us
9	crypto-3	AC	1 s 762732 us
10	fft0	AC	7 s 636065 us
11	fft1	AC	16 s 335253 us
12	fft2	AC	15 s 802933 us
13	gameoflife-oscillator	AC	17 s 66110 us
14	gameoflife-p61glidergun	AC	17 s 295083 us
15	median0	AC	5 s 844837 us
16	median1	AC	4 s 957772 us
17	median2	AC	35 s 75437 us
18	mv1	AC	6 s 160594 us
19	mv2	AC	3 s 456702 us
20	mv3	AC	4 s 424657 us
21	shuffle0	AC	7 s 540641 us
22	shuffle1	AC	12 s 992969 us
23	shuffle2	AC	4 s 373897 us
24	sort1	AC	1 s 604553 us
25	sort2	AC	23 s 694734 us
26	sort3	AC	4 s 631869 us
27	spmv1	AC	4 s 147547 us
28	spmv2	AC	2 s 682001 us
29	spmv3	AC	2 s 770425 us
30	transpose0	AC	4 s 126009 us
31	transpose1	AC	4 s 206703 us
32	transpose2	AC	13 s 105116 us

## Compile Log

Compile Command	<pre>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/GlobalModificationStatus.java /coursegrader/submitdata/src/ir/Module.java /coursegrader/submitdata/src/ir/BasicBlock.java /coursegrader/submitdata/src/ir/ReflectiveTools.java /coursegrader/submitdata/src/ir/Pair.java /coursegrader/submitdata/src/ir/StringUtils.java /coursegrader/submitdata/src/ir/LLVMDumper.java /coursegrader/submitdata/src/ir/Node.java /coursegrader/submitdata/src/ir/List.java /coursegrader/submitdata/src/ir/CollectionTools.java /coursegrader/submitdata/src/ir/ChainMap.java /coursegrader/submitdata/src/ir/INodeOwner.java /coursegrader/submitdata/src/ir/LinkedListException.java /coursegrader/submitdata/src/ir/Log.java /coursegrader/submitdata/src/ir/ListOwner.java /coursegrader/submitdata/src/ir/LogFailException.java /coursegrader/submitdata/src/ir/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/ty/PointerType.java /coursegrader/submitdata/src/ir/ty/FunctionIRTy.java /coursegrader/submitdata/src/ir/ty/SimpleIRTy.java /coursegrader/submitdata/src/ir/ty/IRTypeException.java /coursegrader/submitdata/src/ir/ty/ArrayIRTy.java /coursegrader/submitdata/src/ir/ty/IRType.java /coursegrader/submitdata/src/ir/ty/IRTyKind.java /coursegrader/submitdata/src/ir/inst/MemInitInst.java /coursegrader/submitdata/src/ir/inst/BrCondInst.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/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/InstructionCombiner.java /coursegrader/submitdata/src/pass/ir/ConstantFold.java /coursegrader/submitdata/src/pass/ir/FuseImmediatelyBranch.java /coursegrader/submitdata/src/pass/ir/GCM.java /coursegrader/submitdata/src/pass/ir/IRPass.java /coursegrader/submitdata/src/pass/ir/FuseBasicBlock.java /coursegrader/submitdata/src/pass/ir/IRPassManager.java /coursegrader/submitdata/src/pass/ir/RemoveTrivialPhi.java /coursegrader/submitdata/src/pass/ir/SimpleGVN.java /coursegrader/submitdata/src/pass/ir/ConstructDominorInfo.java /coursegrader/submitdata/src/pass/ir/ClearUselessInstruction.java /coursegrader/submitdata/src/pass/ir/GlobalVariableToValue.java /coursegrader/submitdata/src/backend/codegen/CodeGenManager.java /coursegrader/submitdata/src/backend/regallocator/regallocator/SimpleGraphColoring.java /coursegrader/submitdata/src/backend/regallocator/LivenessAnalysis.java /coursegrader/submitdata/src/backend/regallocator/RegAllocator.java /coursegrader/submitdata/src/backend/arm/ArmlInstUnary.java /coursegrader/submitdata/src/backend/arm/ArmlInstMove.java /coursegrader/submitdata/src/backend/arm/ArmlInstStore.java /coursegrader/submitdata/src/backend/arm/ArmlInstParamLoad.java /coursegrader/submitdata/src/backend/arm/ArmlInstStackLoad.java /coursegrader/submitdata/src/backend/arm/ArmlInstLtgtorg.java /coursegrader/submitdata/src/backend/arm/ArmlInstBinary.java /coursegrader/submitdata/src/backend/arm/ArmlInstLoad.java /coursegrader/submitdata/src/backend/arm/ArmlInstStackAddr.java /coursegrader/submitdata/src/backend/arm/ArmlInstReturn.java /coursegrader/submitdata/src/backend/arm/ArmlInst.java /coursegrader/submitdata/src/backend/arm/ArmFunction.java /coursegrader/submitdata/src/backend/arm/ArmlInstStackStore.java /coursegrader/submitdata/src/backend/arm/ArmBlock.java /coursegrader/submitdata/src/backend/arm/ArmShift.java /coursegrader/submitdata/src/backend/arm/ArmlInstFloatToInt.java /coursegrader/submitdata/src/backend/arm/ArmlInstIntToFloat.java /coursegrader/submitdata/src/backend/arm/ArmlInstBranch.java /coursegrader/submitdata/src/backend/arm/ArmlInstCmp.java /coursegrader/submitdata/src/backend/arm/ArmlInstCall.java /coursegrader/submitdata/src/backend/arm/ArmlInstTernary.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/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/MemPositionHandler.java /coursegrader/submitdata/src/pass/ir/memory/MemoryInfo.java /coursegrader/submitdata/src/pass/ir/memory/MemVariable.java /coursegrader/submitdata/src/pass/ir/memory/CollectMemoryDefinition.java /coursegrader/submitdata/src/pass/ir/dataflow/DataFlowInfo.java /coursegrader/submitdata/src/pass/ir/dataflow/BackwardDataFlowPass.java /coursegrader/submitdata/src/pass/ir/dataflow/ForwardDataFlowPass.java /coursegrader/submitdata/src/pass/ir/loop/LoopUnroll.java /coursegrader/submitdata/src/pass/ir/loop/LoopInvariantInfo.java /coursegrader/submitdata/src/pass/ir/loop/JustLoopBlockInfo.java /coursegrader/submitdata/src/pass/ir/loop/SimplifySSAForLoop.java /coursegrader/submitdata/src/pass/ir/loop/CanonicalLoop.java /coursegrader/submitdata/src/pass/ir/loop/LoopPass.java /coursegrader/submitdata/src/pass/ir/loop/CollectLoops.java /coursegrader/submitdata/src/pass/ir/loop/CollectAndTransformCanonicalLoops.java /coursegrader/submitdata/src/pass/ir/util/MultiBasicBlockCloner.java /coursegrader/submitdata/src/pass/ir/util/SimpleInstructionCloner.java &amp;&amp; cd /root/run/classes &amp;&amp; jar xf /coursegrader/dockerext/java-cup-11b-runtime.jar &amp;&amp; jar xf /coursegrader/dockerext/antlr-4.8-complete.jar &amp;&amp; jar --create --file /root/run/compiler.jar --main-class Compiler -C /root/run/classes .</pre>