

Summary				
RE		Score(Functional Test)	100	
		Time(Performance Test)	621 s 466914 us	
Git Clone Command				
Last Commit At	-			
Detail				
Functional Test	0 CE; 0 RE; 0 TLE; 0 WA; 140 AC			
No	Case Name	Status	Score	Log
1	add2	AC	1.163	
2	addc	AC	1.163	
3	arr_defn2	AC	0.233	
4	arr_defn3	AC	0.233	
5	arr_defn4	AC	0.233	
6	arr_expr_len	AC	0.233	
7	assign_complex_expr	AC	1.163	
8	big_int_mul	AC	1.163	
9	brainfk	AC	1.163	
10	break	AC	0.581	
11	calculator	AC	1.163	
12	chaos_token	AC	1.163	
13	color	AC	1.163	
14	comment1	AC	1.163	
15	const_array_defn	AC	0.388	
16	const_var_defn2	AC	0.388	
17	const_var_defn3	AC	0.388	
18	continue	AC	1.163	
19	dijkstra	AC	1.163	
20	div	AC	1.163	
21	divc	AC	1.163	
22	empty_stmt	AC	1.163	
23	exgcd	AC	1.163	
24	expr_eval	AC	1.163	
25	float	AC	1.163	
26	full_conn	AC	1.163	
27	func_defn	AC	0.581	
28	hanoi	AC	1.163	

29	hex_defn	AC	0.581	
30	hex_oct_add	AC	0.581	
31	hidden_var	AC	1.163	
32	if_complex_expr	AC	0.233	
33	if_test2	AC	0.233	
34	if_test3	AC	0.233	
35	if_test4	AC	0.233	
36	if_test5	AC	0.233	
37	int_io	AC	1.163	
38	kmp	AC	1.163	
39	logi_assign	AC	1.163	
40	long_array	AC	0.194	
41	long_array2	AC	0.194	
42	long_code	AC	0.194	
43	long_code2	AC	0.194	
44	long_func	AC	0.194	
45	main	AC	1.163	
46	many_globals	AC	0.145	
47	many_locals	AC	0.145	
48	many_locals2	AC	0.145	
49	many_params	AC	0.145	
50	many_params2	AC	0.145	
51	matrix_add	AC	0.233	
52	matrix_mul	AC	0.233	
53	matrix_sub	AC	0.233	
54	matrix_tran	AC	0.233	
55	max_flow	AC	1.163	
56	mod	AC	1.163	
57	mul	AC	1.163	
58	mulc	AC	1.163	
59	n_queens	AC	1.163	
60	nested_calls	AC	0.581	
61	nested_loops	AC	0.581	
62	op_priority1	AC	0.233	
63	op_priority2	AC	0.233	
64	op_priority3	AC	0.233	
65	op_priority4	AC	0.233	
66	op_priority5	AC	0.233	

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

105	LCA	AC	1.163	
106	arr_init_nd	AC	0.233	
107	array_only	AC	1.163	
108	branch	AC	1.163	
109	break_continue	AC	0.581	
110	comment2	AC	1.163	
111	dct	AC	1.163	
112	dp	AC	1.163	
113	fp_params	AC	1.163	
114	func_name	AC	0.581	
115	global_arr_init	AC	1.163	
116	graph_coloring	AC	1.163	
117	json	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	
139	sort	AC	0.145	
140	union_find	AC	1.163	
Performance Test		0 CE; 0 RE; 7 TLE; 0 WA; 52 AC		
No	Case Name	Status	Time	Log

1	hoist-3	TLE	-	Timeout while executing assembly on Raspberry Pi.(300 s)
2	instruction-combining-1	TLE	-	Timeout while your compiler generates assembly on x86 server
3	instruction-combining-2	TLE	-	Timeout while your compiler generates assembly on x86 server
4	instruction-combining-3	TLE	-	Timeout while your compiler generates assembly on x86 server
5	integer-divide-optimization-1	TLE	-	Timeout while your compiler generates assembly on x86 server
6	integer-divide-optimization-2	TLE	-	Timeout while your compiler generates assembly on x86 server
7	integer-divide-optimization-3	TLE	-	Timeout while your compiler generates assembly on x86 server
8	bitset1	AC	2 s 47359 us	Timer@0056-0064: 0H-0M-2S-47359us TOTAL: 0H-0M-2S-47359us
9	bitset2	AC	4 s 100363 us	Timer@0056-0064: 0H-0M-4S-100363us TOTAL: 0H-0M-4S-100363us
10	bitset3	AC	6 s 143982 us	Timer@0056-0064: 0H-0M-6S-143982us TOTAL: 0H-0M-6S-143982us
11	brainfuck-bootstrap	AC	27 s 166516 us	Timer@0116-0118: 0H-0M-27S-166516us TOTAL: 0H-0M-27S-166516us
12	brainfuck-mandelbrot-nerf	AC	78 s 884000 us	Timer@0116-0118: 0H-1M-18S-884000us TOTAL: 0H-1M-18S-884000us
13	brainfuck-pi-nerf	AC	4 s 287318 us	Timer@0116-0118: 0H-0M-4S-287318us TOTAL: 0H-0M-4S-287318us
14	conv0	AC	14 s 468690 us	Timer@0109-0116: 0H-0M-14S-468690us TOTAL: 0H-0M-14S-468690us
15	conv1	AC	25 s 998394 us	Timer@0109-0116: 0H-0M-25S-998394us TOTAL: 0H-0M-25S-998394us
16	conv2	AC	19 s 843468 us	Timer@0109-0116: 0H-0M-19S-843468us TOTAL: 0H-0M-19S-843468us
17	crypto-1	AC	1 s 900332 us	Timer@0161-0184: 0H-0M-1S-900332us TOTAL: 0H-0M-1S-900332us

18	crypto-2	AC	1 s 592727 us	Timer@0161-0184: 0H-0M-1S-592727us TOTAL: 0H-0M-1S-592727us
19	crypto-3	AC	2 s 91993 us	Timer@0161-0184: 0H-0M-2S-91993us TOTAL: 0H-0M-2S-91993us
20	dead-code-elimination-1	AC	0 s 20 us	Timer@100016-100032: 0H-0M-0S-20us TOTAL: 0H-0M-0S-20us
21	dead-code-elimination-2	AC	0 s 1966 us	Timer@100016-100032: 0H-0M-0S-1966us TOTAL: 0H-0M-0S-1966us
22	dead-code-elimination-3	AC	0 s 230931 us	Timer@100016-100032: 0H-0M-0S-230931us TOTAL: 0H-0M-0S-230931us
23	fft0	AC	7 s 997367 us	Timer@0060-0079: 0H-0M-7S-997367us TOTAL: 0H-0M-7S-997367us
24	fft1	AC	16 s 984318 us	Timer@0060-0079: 0H-0M-16S-984318us TOTAL: 0H-0M-16S-984318us
25	fft2	AC	16 s 471075 us	Timer@0060-0079: 0H-0M-16S-471075us TOTAL: 0H-0M-16S-471075us
26	floyd-0	AC	0 s 88 us	Timer@0062-0064: 0H-0M-0S-88us TOTAL: 0H-0M-0S-88us
27	floyd-1	AC	0 s 51604 us	Timer@0062-0064: 0H-0M-0S-51604us TOTAL: 0H-0M-0S-51604us
28	floyd-2	AC	25 s 307730 us	Timer@0062-0064: 0H-0M-25S-307730us TOTAL: 0H-0M-25S-307730us
29	gameoflife-gosper	AC	22 s 468324 us	Timer@0095-0106: 0H-0M-22S-468324us TOTAL: 0H-0M-22S-468324us
30	gameoflife-oscillator	AC	19 s 972985 us	Timer@0095-0106: 0H-0M-19S-972985us TOTAL: 0H-0M-19S-972985us
31	gameoflife-p61glidergun	AC	19 s 909717 us	Timer@0095-0106: 0H-0M-19S-909717us TOTAL: 0H-0M-19S-909717us

32	hoist-1	AC	0 s 102338 us	Timer@0121-0123: 0H-0M-0S-102338us TOTAL: 0H-0M-0S-102338us
33	hoist-2	AC	101 s 524938 us	Timer@0121-0123: 0H-1M-41S-524938us TOTAL: 0H-1M-41S-524938us
34	median0	AC	9 s 187985 us	Timer@0059-0061: 0H-0M-9S-187985us TOTAL: 0H-0M-9S-187985us
35	median1	AC	5 s 664657 us	Timer@0059-0061: 0H-0M-5S-664657us TOTAL: 0H-0M-5S-664657us
36	median2	AC	53 s 429195 us	Timer@0059-0061: 0H-0M-53S-429195us TOTAL: 0H-0M-53S-429195us
37	mm1	AC	8 s 121372 us	Timer@0065-0084: 0H-0M-8S-121372us TOTAL: 0H-0M-8S-121372us
38	mm2	AC	7 s 341138 us	Timer@0065-0084: 0H-0M-7S-341138us TOTAL: 0H-0M-7S-341138us
39	mm3	AC	5 s 609922 us	Timer@0065-0084: 0H-0M-5S-609922us TOTAL: 0H-0M-5S-609922us
40	mv1	AC	6 s 825479 us	Timer@0059-0067: 0H-0M-6S-825479us TOTAL: 0H-0M-6S-825479us
41	mv2	AC	4 s 66251 us	Timer@0059-0067: 0H-0M-4S-66251us TOTAL: 0H-0M-4S-66251us
42	mv3	AC	5 s 41461 us	Timer@0059-0067: 0H-0M-5S-41461us TOTAL: 0H-0M-5S-41461us
43	shuffle0	AC	8 s 639661 us	Timer@0078-0090: 0H-0M-8S-639661us TOTAL: 0H-0M-8S-639661us
44	shuffle1	AC	11 s 223728 us	Timer@0078-0090: 0H-0M-11S-223728us TOTAL: 0H-0M-11S-223728us
45	shuffle2	AC	3 s 858407 us	Timer@0078-0090: 0H-0M-3S-858407us TOTAL: 0H-0M-3S-858407us

46	sl1	AC	6 s 862523 us	Timer@0013-0053: 0H-0M-6S-862523us TOTAL: 0H-0M-6S-862523us
47	sl2	AC	2 s 516967 us	Timer@0013-0053: 0H-0M-2S-516967us TOTAL: 0H-0M-2S-516967us
48	sl3	AC	1 s 208434 us	Timer@0013-0053: 0H-0M-1S-208434us TOTAL: 0H-0M-1S-208434us
49	sort1	AC	1 s 489280 us	Timer@0090-0102: 0H-0M-1S-489280us TOTAL: 0H-0M-1S-489280us
50	sort2	AC	22 s 556854 us	Timer@0090-0102: 0H-0M-22S-556854us TOTAL: 0H-0M-22S-556854us
51	sort3	AC	4 s 292786 us	Timer@0090-0102: 0H-0M-4S-292786us TOTAL: 0H-0M-4S-292786us
52	spmv1	AC	4 s 231808 us	Timer@0039-0047: 0H-0M-4S-231808us TOTAL: 0H-0M-4S-231808us
53	spmv2	AC	2 s 772284 us	Timer@0039-0047: 0H-0M-2S-772284us TOTAL: 0H-0M-2S-772284us
54	spmv3	AC	2 s 813713 us	Timer@0039-0047: 0H-0M-2S-813713us TOTAL: 0H-0M-2S-813713us
55	stencil0	AC	0 s 72512 us	Timer@0023-0059: 0H-0M-0S-72512us TOTAL: 0H-0M-0S-72512us
56	stencil1	AC	0 s 144531 us	Timer@0023-0059: 0H-0M-0S-144531us TOTAL: 0H-0M-0S-144531us
57	transpose0	AC	4 s 660168 us	Timer@0028-0047: 0H-0M-4S-660168us TOTAL: 0H-0M-4S-660168us
58	transpose1	AC	5 s 486456 us	Timer@0028-0047: 0H-0M-5S-486456us TOTAL: 0H-0M-5S-486456us
59	transpose2	AC	13 s 800799 us	Timer@0028-0047: 0H-0M-13S-800799us TOTAL: 0H-0M-13S-800799us

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/INode.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/ListException.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/type/PointerType.java /coursegrader/submitdata/src/ir/type/FunctionPointerType.java /coursegrader/submitdata/src/ir/type/SimplePointerType.java /coursegrader/submitdata/src/ir/type/IRTypeException.java /coursegrader/submitdata/src/ir/type/ArrayPointerType.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/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/CleanupUnreachableBlock.java /coursegrader/submitdata/src/pass/ir/ConstantFold.java /coursegrader/submitdata/src/pass/ir/FuseImmediatelyBranch.java /coursegrader/submitdata/src/pass/ir/RemoveTrivialPhi.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/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/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/ArmlInstUnary.java /coursegrader/submitdata/src/backend/arm/ArmlInstMove.java /coursegrader/submitdata/src/backend/arm/ArmlInstStore.java /coursegrader/submitdata/src/backend/arm/ArmlInstLdorg.java /coursegrader/submitdata/src/backend/arm/ArmlInstBinary.java /coursegrader/submitdata/src/backend/arm/ArmlInstLoad.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/ArmBlock.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/FPhysReg.java /coursegrader/submitdata/src/backend/operand/Reg.java /coursegrader/submitdata/src/backend/operand/Fimm.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/Iimm.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/ConstantFolder.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/ForwardDataFlowPass.java /coursegrader/submitdata/src/pass/ir/loop/LoopBlockInfo.java /coursegrader/submitdata/src/pass/ir/loop/LoopUnroll.java /coursegrader/submitdata/src/pass/ir/loop/LoopInvariantInfo.java /coursegrader/submitdata/src/pass/ir/loop/MoveLoopInvariant.java /coursegrader/submitdata/src/pass/ir/loop/LoopFunctionInfo.java /coursegrader/submitdata/src/pass/ir/loop/CollectLoopsAndMarkCanonical.java /coursegrader/submitdata/src/pass/ir/loop/SimplifySSAForLoop.java /coursegrader/submitdata/src/pass/ir/loop/NaturalLoop.java /coursegrader/submitdata/src/pass/ir/loop/CanonicalLoop.java /coursegrader/submitdata/src/pass/ir/loop/LoopPass.java /coursegrader/submitdata/src/pass/ir/loop/CollectNaturalLoop.java /coursegrader/submitdata/src/pass/ir/util/MultiBasicBlockCloner.java /coursegrader/submitdata/src/pass/ir/util/SimpleInstructionCloner.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 .</pre>