Summary

AC	Score(Functional Test)	100
	Time(Performance Test)	347 s 8422 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

No	Case Name	Status	Time	Log
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; 0 TLE; 0 WA; 32 AC			
No	Case Name	Status	Time	Log

1	bitset1	AC	1 s 764456 us
2	bitset2	AC	3 s 517037 us
3	bitset3	AC	5 s 265667 us
4	brainfuck-bootstrap	AC	30 s 496884 us
5	brainfuck-mandelbrot-nerf	AC	82 s 528908 us
6	brainfuck-pi-nerf	AC	4 s 594010 us
7	crypto-1	AC	1 s 541194 us
8	crypto-2	AC	1 s 269246 us
9	crypto-3	AC	1 s 699881 us
10	fft0	AC	7 s 554567 us
11	fft1	AC	16 s 125537 us
12	fft2	AC	15 s 587470 us
13	gameoflife-oscillator	AC	17 s 45562 us
14	gameoflife-p61glidergun	AC	17 s 287467 us
15	median0	AC	5 s 850178 us
16	median1	AC	4 s 957410 us
17	median2	AC	35 s 72493 us
18	mv1	AC	6 s 169683 us
19	mv2	AC	3 s 473924 us
20	mv3	AC	4 s 450163 us
21	shuffle0	AC	7 s 573152 us
22	shuffle1	AC	10 s 707517 us
23	shuffle2	AC	3 s 773799 us
24	sort1	AC	1 s 568800 us
25	sort2	AC	22 s 959754 us
26	sort3	AC	4 s 450707 us
27	spmv1	AC	4 s 9857 us
28	spmv2	AC	2 s 548278 us
29	spmv3	AC	2 s 805136 us
30	transpose0	AC	3 s 808185 us
31	transpose1	AC	4 s 128302 us
32	transpose2	AC	12 s 423198 us

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/GlobalModificationStatus.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/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/ConstructDominatorInfo.java /coursegrader/submitdata/src/pass/ir/ClearUselessFunction.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/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/ArmInstParamLoad.java /coursegrader/submitdata/src/backend/arm/ArmInstStackLoad.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/ArmInstStackAddr.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/ArmInstStackStore.java /coursegrader/submitdata/src/backend/arm/ArmBlock.java /coursegrader/submitdata/src/backend/arm/ArmShift.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/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/JustLoop.java /coursegrader/submitdata/src/pass/ir/loop/JustLoopBlockInfo.java /coursegrader/submitdata/src/pass/ir/loop/SimpilySSAForLoop.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 && 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 . |