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arr\_defn3

arr\_defn4

arr\_expr\_len

 $assign\_complex\_expr$ 

big\_int\_mul

brainfk

break

calculator

chaos\_token

color

comment1

const\_array\_defn

const\_var\_defn2

const\_var\_defn3

continue

dijkstra

div

divc

 $empty\_stmt$ 

exgcd

expr\_eval

float

full\_conn

Summary				
RE		Score(Functional Test)	9	99
		Time(Performance Test)	697 s 91	i7840 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	Timeout while your compiler generat es assembly on x86 server
2	add2	AC	1.163	
3	addc	AC	1.163	
4	arr_defn2	AC	0.233	

AC

0.233 0.233 0.233

1.163 1.163 1.163

0.581 1.163 1.163 1.163 1.163 0.388

0.388

0.388

1.163

1.163

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1.163

1.163

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; 59 AC			

No	Case Name	Status	Time	Log
1	bitset1	AC	1 s 955110 us	Timer@0056-0064: 0H-0M-1S-95511 0us
				TOTAL: 0H-0M-1S-955110us
2	bitset2	AC	3 s 912103 us	Timer@0056-0064: 0H-0M-3S-91210 3us
				TOTAL: 0H-0M-3S-912103us
3	bitset3	AC	5 s 899333 us	Timer@0056-0064: 0H-0M-5S-89933 3us
				TOTAL: 0H-0M-5S-899333us
4	brainfuck-bootstrap	AC	30 s 521653 us	Timer@0116-0118: 0H-0M-30S-5216 53us
				TOTAL: 0H-0M-30S-521653us
5	brainfuck-mandelbrot-nerf	AC	82 s 857729 us	Timer@0116-0118: 0H-1M-22S-8577 29us
				TOTAL: 0H-1M-22S-857729us
6	brainfuck-pi-nerf	AC	4 s 600764 us	Timer@0116-0118: 0H-0M-4S-60076 4us
				TOTAL: 0H-0M-4S-600764us
7	conv0	AC	13 s 355110 us	Timer@0109-0116: 0H-0M-13S-3551 10us
				TOTAL: 0H-0M-13S-355110us
8	conv1	AC	22 s 958179 us	Timer@0109-0116: 0H-0M-22S-9581 79us
				TOTAL: 0H-0M-22S-958179us
9	conv2	AC	16 s 986617 us	Timer@0109-0116: 0H-0M-16S-9866 17us
				TOTAL: 0H-0M-16S-986617us
10	crypto-1	AC	1 s 641408 us	Timer@0161-0184: 0H-0M-1S-64140 8us
				TOTAL: 0H-0M-1S-641408us
11	crypto-2	AC	1 s 346309 us	Timer@0161-0184: 0H-0M-1S-34630 9us
				TOTAL: 0H-0M-1S-346309us
12	crypto-3	AC	1 s 782027 us	Timer@0161-0184: 0H-0M-1S-78202 7us
				TOTAL: 0H-0M-1S-782027us
13	dead-code-elimination-1	AC	0 s 11 us	Timer@100016-100032: 0H-0M-0S-1 1us
				TOTAL: 0H-0M-0S-11us
14	dead-code-elimination-2	AC	0 s 1074 us	Timer@100016-100032: 0H-0M-0S-1 074us
				TOTAL: 0H-0M-0S-1074us
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15	dead-code-elimination-3	AC	0 s 106288 us	Timer@100016-100032: 0H-0M-0S-1 06288us
				TOTAL: 0H-0M-0S-106288us
16	fft0	AC	7 s 444004 us	Timer@0060-0079: 0H-0M-7S-44400 4us
				TOTAL: 0H-0M-7S-444004us
17	fft1	AC	15 s 964839 us	Timer@0060-0079: 0H-0M-15S-9648 39us
				TOTAL: 0H-0M-15S-964839us
18	fft2	AC	15 s 376768 us	Timer@0060-0079: 0H-0M-15S-3767 68us
				TOTAL: 0H-0M-15S-376768us
19	floyd-0	AC	0 s 100 us	Timer@0062-0064: 0H-0M-0S-100us TOTAL: 0H-0M-0S-100us
				10 M.E. 011 0111 03 10003
20	floyd-1	AC	0 s 49722 us	Timer@0062-0064: 0H-0M-0S-49722 us
				TOTAL: 0H-0M-0S-49722us
21	floyd-2	AC	24 s 232491 us	Timer@0062-0064: 0H-0M-24S-2324 91us
				TOTAL: 0H-0M-24S-232491us
22	game of life-gosper	AC	18 s 771160 us	Timer@0095-0106: 0H-0M-18S-7711 60us
				TOTAL: 0H-0M-18S-771160us
23	game of life-oscillator	AC	16 s 618474 us	Timer@0095-0106: 0H-0M-16S-6184 74us
				TOTAL: 0H-0M-16S-618474us
24	gameoflife-p61glidergun	AC	16 s 781440 us	Timer@0095-0106: 0H-0M-165-7814 40us
				TOTAL: 0H-0M-16S-781440us
25	hoist-1	AC	0 s 551 us	Timer@0121-0123: 0H-0M-0S-551us
				TOTAL: 0H-0M-0S-551us
26	hoist-2	AC	0 s 585673 us	Timer@0121-0123: 0H-0M-0S-58567 3us
				TOTAL: 0H-0M-0S-585673us
27	hoist-3	AC	5 s 511344 us	Timer@0121-0123: 0H-0M-5S-51134 4us
				TOTAL: 0H-0M-5S-511344us
28	instruction-combining-1	AC	0 s 11 us	Timer@10015-10030: 0H-0M-0S-11us
				TOTAL: 0H-0M-0S-11us
29	instruction-combining-2	AC	0 s 2602 us	Timer@10015-10030: 0H-0M-0S-260 2us
				TOTAL: 0H-0M-0S-2602us

30	instruction-combining-3	AC	0 s 2561 us	Timer@10015-10030: 0H-0M-0S-256 1us
				TOTAL: 0H-0M-0S-2561us
31	integer-divide-optimization-1	AC	0 s 26232 us	Timer@1016-1031: 0H-0M-0S-26232 us
				TOTAL: 0H-0M-0S-26232us
32	integer-divide-optimization-2	AC	13 s 244086 us	Timer@1016-1031: 0H-0M-13S-2440 86us
				TOTAL: 0H-0M-13S-244086us
33	integer-divide-optimization-3	AC	211 s 578678 us	Timer@1016-1031: 0H-3M-31S-5786 78us
				TOTAL: 0H-3M-31S-578678us
34	median0	AC	5 s 849767 us	Timer@0059-0061: 0H-0M-5S-84976 7us
				TOTAL: 0H-0M-5S-849767us
35	median1	AC	4 s 961638 us	Timer@0059-0061: 0H-0M-4S-96163 8us
				TOTAL: 0H-0M-4S-961638us
36	median2	AC	35 s 69140 us	Timer@0059-0061: 0H-0M-35S-6914 0us
				TOTAL: 0H-0M-35S-69140us
37	mm1	AC	5 s 340433 us	Timer@0065-0084: 0H-0M-5S-34043 3us
				TOTAL: 0H-0M-5S-340433us
38	mm2	AC	4 s 794467 us	Timer@0065-0084: 0H-0M-45-79446 7us
				TOTAL: 0H-0M-4S-794467us
39	mm3	AC	3 s 698005 us	Timer@0065-0084: 0H-0M-3S-69800 5us
				TOTAL: 0H-0M-3S-698005us
40	mv1	AC	6 s 275688 us	Timer@0059-0067: 0H-0M-6S-27568 8us
				TOTAL: 0H-0M-6S-275688us
41	mv2	AC	3 s 551851 us	Timer@0059-0067: 0H-0M-3S-55185 1us
				TOTAL: 0H-0M-3S-551851us
42	mv3	AC	4 s 450665 us	Timer@0059-0067: 0H-0M-4S-45066 5us
				TOTAL: 0H-0M-4S-450665us
43	shuffle0	AC	7 s 763238 us	Timer@0078-0090: 0H-0M-7S-76323 8us
				TOTAL: 0H-0M-7S-763238us

44	shuffle1	AC	9 s 744280 us	Timer@0078-0090: 0H-0M-9S-74428 0us
				TOTAL: 0H-0M-9S-744280us
45	shuffle2	AC	3 s 692931 us	Timer@0078-0090: 0H-0M-3S-69293 1us
				TOTAL: 0H-0M-3S-692931us
46	sl1	AC	6 s 751187 us	Timer@0013-0053: 0H-0M-6S-75118 7us
				TOTAL: 0H-0M-6S-751187us
47	sl2	AC	2 s 637633 us	Timer@0013-0053: 0H-0M-2S-63763 3us
				TOTAL: 0H-0M-2S-637633us
48	sl3	AC	1 s 232152 us	Timer@0013-0053: 0H-0M-1S-23215 2us
				TOTAL: 0H-0M-1S-232152us
49	sort1	AC	1 s 533358 us	Timer@0090-0102: 0H-0M-1S-53335 8us
				TOTAL: 0H-0M-1S-533358us
50	sort2	AC	21 s 998779 us	Timer@0090-0102: 0H-0M-21S-9987 79us
				TOTAL: 0H-0M-21S-998779us
51	sort3	AC	4 s 279240 us	Timer@0090-0102: 0H-0M-4S-27924 0us
				TOTAL: 0H-0M-4S-279240us
52	spmv1	AC	3 s 897853 us	Timer@0039-0047: 0H-0M-3S-89785 3us
				TOTAL: 0H-0M-3S-897853us
53	spmv2	AC	2 s 684484 us	Timer@0039-0047: 0H-0M-25-68448 4us
				TOTAL: 0H-0M-2S-684484us
54	spmv3	AC	2 s 477560 us	Timer@0039-0047: 0H-0M-2S-47756 0us
				TOTAL: 0H-0M-2S-477560us
55	stencil0	AC	0 s 69222 us	Timer@0023-0059: 0H-0M-0S-69222 us
				TOTAL: 0H-0M-0S-69222us
56	stencil1	AC	0 s 144192 us	Timer@0023-0059: 0H-0M-0S-14419 2us
				TOTAL: 0H-0M-0S-144192us
57	transpose0	AC	4 s 54270 us	Timer@0028-0047: 0H-0M-4S-54270 us
				TOTAL: 0H-0M-4S-54270us

58	transpose1	AC	4 s 210657 us	Timer@0028-0047: 0H-0M-4S-21065 7us TOTAL: 0H-0M-4S-210657us
59	transpose2	AC	12 s 640699 us	Timer@0028-0047: 0H-0M-12S-6406 99us TOTAL: 0H-0M-12S-640699us

## Compile Log

Compile Command

javac -d /root/run/classes -encoding utf-8 -cp ::/coursegrader/dockerext/java-cup-11b-runtime.jar:/coursegrader/dockerext/antir-4.8-complete.jar -sourcepath /cour segrader/submitdata/coursegrader/submitdata/src/Compiler.java/coursegrader/submitdata/src/FunctionalDebug.java/coursegrader/submitdata/src/DebugTools.ja va/course grader/submit data/src/Main.java/course grader/submit data/src/ir/Value.java/course grader/submit data/src/ir/Global Var.java/course grader/submit data/src/ir/Global Var.java/course grader/submit data/src/ir/Global Var.java/course grader/submit data/src/ir/Value.java/course grader/submit data/src/ir/Global Var.java/course grader/submit data/src/ir/Value.java/course grader/submit data/src/ir/Global Var.java/course grader/submit data/src/ir/Value.java/course grader/submit data/src/ir/Value.j/ir/Function.java /coursegrader/submitdata/src/ir/IRVerifyException.java /coursegrader/submitdata/src/ir/User.java /coursegrader/submitdata/src/ir/Parameter.java /c oursegrader/submitdata/src/ir/GlobalModificationStatus.java/coursegrader/submitdata/src/ir/Module.java/coursegrader/submitdata/src/ir/BasicBlock.java/coursegr ader/submitdata/src/utils/ReflectiveTools.java /coursegrader/submitdata/src/utils/Pair.java /coursegrader/submitdata/src/utils/StringUtils.java /coursegrader/submitdata/src/utils/Pair.java /coursegrader/submitdata/src/utils/StringUtils.java /coursegrader/submitdata/src/utils/Pair.java ata/src/utils/LLVMDumper.java /coursegrader/submitdata/src/utils/INode.java /coursegrader/submitdata/src/utils/LlvMDumper.java /coursegrader/submitdata/src/utils/Collec tion Tools. java/course grader/submit data/src/utils/Chain Map. java/course grader/submit data/src/utils/INodeOwner. java/course grader/submit data/src/utils/IList Exception.java /coursegrader/submitdata/src/utils/Log.java /coursegrader/submitdata/src/utils/ListOwner.java /coursegrader/submitdata/src/utils/Log.java /course ursegrader/submitdata/src/utils/IteratorTools.java /coursegrader/submitdata/src/backend/Consts.java /coursegrader/submitdata/src/frontend/SysYParser.java /c egrader/submitdata/src/frontend/SourceCodeSymbol.java /coursegrader/submitdata/src/frontend/SysYLexer.java /coursegrader/submitdata/src/frontend/IRGen.java /coursegrader/submitdata/src/frontend/SysYVisitor.iava /coursegrader/submitdata/src/frontend/IRBuilder.iava /coursegrader/submitdata/src/frontend/SemanticExce ption.java/course grader/submitdata/src/frontend/Symbol Table.java/course grader/submitdata/src/frontend/SysYBaseVisitor.java/course grader/submitdata/src/ir/ty $pe/PointerIRTy.java\ / coursegrader/submitdata/src/ir/type/FunctionIRTy.java\ / coursegrader/submitdata/sr$ pe/IRTypeException.java /coursegrader/submitdata/src/ir/type/ArrayIRTy.java /coursegrader/submitdata/src/ir/type/IRType.java /coursegra /IRTyKind.java /coursegrader/submitdata/src/ir/inst/MemlnitInst.java /coursegrader/submitdata/src/ir/inst/GEPI nst.java /coursegrader/submitdata/src/ir/inst/IntToFloatInst.java /coursegrader/submitdata/src/ir/inst/LoadInst.java /coursegrader/submitdata/src/ir/inst/CallInst.java /course grader/submit data/src/ir/inst/Binary OpInst.java/course grader/submit data/src/ir/inst/Binary Grader/submit data/src/ir/inst/Binary Grader/submit data/srcegrader/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/Brlnst.java /coursegrader/submitdata/src/ir/inst/UnaryOpInst.java /coursegrader/submitdata/src/ir/inst/Philnst.java /cours /src/ir/inst/StoreInst.java /coursegrader/submitdata/src/ir/inst/FloatToIntInst.java /coursegrader/submitdata/src/ir/inst/BoolToIntInst.java /coursegrader/submitdata/src/ir/inst/Src/ir/inst/Src/ir/inst/Src/ir/inst/Src/ir/inst/Src/ir/inst/Src/ir/inst/Src/ir/inst/Src/ir/inst/Src/ir/inst/Src/ir/inst/Src/ir/inst/ rc/ir/analysis/Analysis/InfoOwner.java 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--create -file /root/run/compiler.jar --main-class Compiler -C /root/run/classes .