

Summary				
WA		Score(Functional Test)	93	
		Time(Performance Test)	1122 s 850314 us	
Git Clone Command				
Last Commit At	-			
Detail				
Functional Test	6 CE; 0 RE; 0 TLE; 1 WA; 133 AC			
No	Case Name	Status	Score	Log
1	branch	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 1. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/03_branch.sy
2	break_continue	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 1. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/04_break_continue.sy
3	multiple_returns	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 1. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/01_multiple_returns.sy
4	ret_in_block	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 1. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/02_ret_in_block.sy
5	scope4	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 1. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/26_scope4.sy
6	side_effect2	CE	0.000	Error occurred while your compiler compiled the sy program. ExitCode: 1. Command: java -jar /root/run/compiler.jar -S -o /root/run/testcase.s /coursegrader/testdata/h_functional/28_side_effect2.sy
7	fp_params	WA	0.000	

8	add2	AC	1.163	
9	addc	AC	1.163	
10	arr_defn2	AC	0.233	
11	arr_defn3	AC	0.233	
12	arr_defn4	AC	0.233	
13	arr_expr_len	AC	0.233	
14	assign_complex_expr	AC	1.163	
15	big_int_mul	AC	1.163	
16	brainfk	AC	1.163	
17	break	AC	0.581	
18	calculator	AC	1.163	
19	chaos_token	AC	1.163	
20	color	AC	1.163	
21	comment1	AC	1.163	
22	const_array_defn	AC	0.388	
23	const_var_defn2	AC	0.388	
24	const_var_defn3	AC	0.388	
25	continue	AC	1.163	
26	dijkstra	AC	1.163	
27	div	AC	1.163	
28	divc	AC	1.163	
29	empty_stmt	AC	1.163	
30	exgcd	AC	1.163	
31	expr_eval	AC	1.163	
32	float	AC	1.163	
33	full_conn	AC	1.163	
34	func_defn	AC	0.581	
35	hanoi	AC	1.163	
36	hex_defn	AC	0.581	
37	hex_oct_add	AC	0.581	
38	hidden_var	AC	1.163	
39	if_complex_expr	AC	0.233	
40	if_test2	AC	0.233	
41	if_test3	AC	0.233	
42	if_test4	AC	0.233	
43	if_test5	AC	0.233	
44	int_io	AC	1.163	
45	kmp	AC	1.163	

46	logi_assign	AC	1.163	
47	long_array	AC	0.194	
48	long_array2	AC	0.194	
49	long_code	AC	0.194	
50	long_code2	AC	0.194	
51	long_func	AC	0.194	
52	main	AC	1.163	
53	many_globals	AC	0.145	
54	many_locals	AC	0.145	
55	many_locals2	AC	0.145	
56	many_params	AC	0.145	
57	many_params2	AC	0.145	
58	matrix_add	AC	0.233	
59	matrix_mul	AC	0.233	
60	matrix_sub	AC	0.233	
61	matrix_tran	AC	0.233	
62	max_flow	AC	1.163	
63	mod	AC	1.163	
64	mul	AC	1.163	
65	mulc	AC	1.163	
66	n_queens	AC	1.163	
67	nested_calls	AC	0.581	
68	nested_loops	AC	0.581	
69	op_priority1	AC	0.233	
70	op_priority2	AC	0.233	
71	op_priority3	AC	0.233	
72	op_priority4	AC	0.233	
73	op_priority5	AC	0.233	
74	percolation	AC	1.163	
75	register_alloc	AC	1.163	
76	rem	AC	1.163	
77	reverse_output	AC	1.163	
78	scope	AC	1.163	
79	scope2	AC	1.163	
80	short_circuit	AC	0.581	
81	short_circuit3	AC	0.581	
82	side_effect	AC	0.581	
83	skip_spaces	AC	1.163	

84	sort_test1	AC	0.145	
85	sort_test2	AC	0.145	
86	sort_test3	AC	0.145	
87	sort_test4	AC	0.145	
88	sort_test5	AC	0.145	
89	sort_test6	AC	0.145	
90	sort_test7	AC	0.145	
91	stmt_expr	AC	1.163	
92	sub2	AC	1.163	
93	subc	AC	1.163	
94	substr	AC	1.163	
95	unary_op	AC	0.581	
96	unary_op2	AC	0.581	
97	var_defn2	AC	0.291	
98	var_defn3	AC	0.291	
99	var_defn_func	AC	0.291	
100	var_name	AC	0.291	
101	while_if	AC	0.166	
102	while_if_test1	AC	0.166	
103	while_if_test2	AC	0.166	
104	while_if_test3	AC	0.166	
105	while_test1	AC	0.166	
106	while_test2	AC	0.166	
107	while_test3	AC	0.166	
108	BFS	AC	1.163	
109	BST	AC	1.163	
110	DFS	AC	1.163	
111	DSU	AC	1.163	
112	LCA	AC	1.163	
113	arr_init_nd	AC	0.233	
114	array_only	AC	1.163	
115	comment2	AC	1.163	
116	dct	AC	1.163	
117	dp	AC	1.163	
118	func_name	AC	0.581	
119	global_arr_init	AC	1.163	
120	graph_coloring	AC	1.163	
121	json	AC	1.163	

122	k_smallest	AC	1.163	
123	light2d	AC	1.163	
124	long_line	AC	0.194	
125	many_dimensions	AC	0.145	
126	many_indirections	AC	0.145	
127	many_params3	AC	0.145	
128	math	AC	1.163	
129	matrix_multiply	AC	0.233	
130	maximal_clique	AC	1.163	
131	multi_branch	AC	0.581	
132	multi_loop	AC	0.581	
133	param_name	AC	1.163	
134	prim	AC	1.163	
135	rotate	AC	1.163	
136	scope3	AC	1.163	
137	scope5	AC	1.163	
138	search	AC	1.163	
139	sort	AC	0.145	
140	union_find	AC	1.163	
Performance Test	6 CE; 0 RE; 1 TLE; 5 WA; 47 AC			
No	Case Name	Status	Time	Log

There is something wrong when running cmd:

```
java -jar /root/run/compiler.jar -S -o /root/run/testcase.s testdataFolder/hoist-1.sy -O2
```

ExitCode: 1

[33;1m[info][IRPassManager: 52] | Begin run #0:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #1:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #2:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #3:ClearUnreachableBlock[0m

[33;1m[info][IRPassManager: 52] | Begin run #4:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #5:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #6:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #7:MergeDirectBranch[0m

[33;1m[info][IRPassManager: 52] | Begin run #8:FunctionInline[0m

Exception in thread "main" java.lang.StackOverflowError

at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:263)

at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:215)

at ir.visitor.ValueVisitor.visit(ValueVisitor.java:13)

at pass.ir.FunctionInline\$FunctionInlineCloner.getOrCreate(FunctionInline.java:247)

at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:304)

at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:294)

at ir.visitor.InstructionVisitor.visit(InstructionVisitor.java:7)

at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visit(FunctionInline.java:297)

at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:267)

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at ir.visitor.InstructionVisitor.visit(Instr  
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```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visit(Functi
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at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:267)
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at pass.ir.FunctionInline$FunctionInlin
eCloner.getOrCreate(FunctionInline.ja
va:247)
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at pass.ir.FunctionInline$FunctionInlin
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OpInst(FunctionInline.java:304)
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There is something wrong when running cmd:

```
java -jar /root/run/compiler.jar -S -o /root/run/testcase.s testdataFolder/hoist-2.sy -O2
```

ExitCode: 1

[33;1m[info][IRPassManager: 52] | Begin run #0:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #1:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #2:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #3:ClearUnreachableBlock[0m

[33;1m[info][IRPassManager: 52] | Begin run #4:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #5:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #6:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #7:MergeDirectBranch[0m

[33;1m[info][IRPassManager: 52] | Begin run #8:FunctionInline[0m

Exception in thread "main" java.lang.StackOverflowError

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eCloner.getOrCreate(FunctionInline.ja
va:247)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:304)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:294)
```

```
at ir.visitor.InstructionVisitor.visit(Instr  
uctionVisitor.java:7)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visit(Functi
onInline.java:297)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:267)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:215)
```

```
at ir.visitor.ValueVisitor.visit(ValueVisi  
or.java:13)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.getOrCreate(FunctionInline.ja
va:247)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:304)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:294)
```

```
at ir.visitor.InstructionVisitor.visit(Instr
uctionVisitor.java:7)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visit(Functi
onInline.java:297)
```

			<div>at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:267)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:215)</div> <div>at ir.visitor.ValueVisitor.visit(ValueVisitor.java:13)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner.getOrCreate(FunctionInline.java:247)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:304)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:294)</div> <div>at ir.visitor.InstructionVisitor.visit(InstructionVisitor.java:7)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visit(FunctionInline.java:297)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:267)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:215)</div> <div>at ir.visitor.ValueVisitor.visit(ValueVisitor.java:13)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner.getOrCreate(FunctionInline.java:247)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:304)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:294)</div> <div>at ir.visitor.InstructionVisitor.visit(InstructionVisitor.java:7)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visit(FunctionInline.java:297)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:267)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:215)</div> <div>at ir.visitor.ValueVisitor.visit(ValueVisitor.java:13)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner.getOrCreate(FunctionInline.java:247)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:304)</div> <div>at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:294)</div> <div>at ir.visitor.InstructionVisitor.visit(InstructionVisitor.java:7)</div> <div>-----938 more-----</div>
--	--	--	--

There is something wrong when running cmd:

```
java -jar /root/run/compiler.jar -S -o /root/run/testcase.s testdataFolder/hoist-3.sy -O2
```

ExitCode: 1

[33;1m[info][IRPassManager: 52] | Begin run #0:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #1:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #2:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #3:ClearUnreachableBlock[0m

[33;1m[info][IRPassManager: 52] | Begin run #4:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #5:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #6:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #7:MergeDirectBranch[0m

[33;1m[info][IRPassManager: 52] | Begin run #8:FunctionInline[0m

Exception in thread "main" java.lang.StackOverflowError

at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:263)

at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:215)

at ir.visitor.ValueVisitor.visit(ValueVisitor.java:13)

at pass.ir.FunctionInline\$FunctionInlineCloner.getOrCreate(FunctionInline.java:247)

at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:304)

at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:294)

at ir.visitor.InstructionVisitor.visit(InstructionVisitor.java:7)

at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visit(FunctionInline.java:297)

at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:267)

at pass.ir.FunctionInline\$FunctionInlineCloner.visitInstruction(FunctionInline.java:215)

at ir.visitor.ValueVisitor.visit(ValueVisitor.java:13)

at pass.ir.FunctionInline\$FunctionInlineCloner.getOrCreate(FunctionInline.java:247)

at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:304)

at pass.ir.FunctionInline\$FunctionInlineCloner\$InstructionCloner.visitBinaryOpInst(FunctionInline.java:294)

```
at ir.visitor.InstructionVisitor.visit(Instr  
uctionVisitor.java:7)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visit(Functi
onInline.java:297)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:267)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:215)
```

```
at ir.visitor.ValueVisitor.visit(ValueVisi
or.java:13)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.getOrCreate(FunctionInline.ja
va:247)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:304)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:294)
```

```
at ir.visitor.InstructionVisitor.visit(Instr  
uctionVisitor.java:7)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visit(Functi
onInline.java:297)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:267)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:215)
```

```
at ir.visitor.ValueVisitor.visit(ValueVisitor.java:13)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.getOrCreate(FunctionInline.ja
va:247)
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eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:304)
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eCloner$InstructionCloner.visitBinary
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uctionVisitor.java:7)
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eCloner.visitInstruction(FunctionInline.
java:267)
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eCloner$InstructionCloner.visitBinary
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at ir.visitor.InstructionVisitor.visit(Instr  
uctionVisitor.java:7)
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onInline.java:297)
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java:215)
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at pass.ir.FunctionInline$FunctionInlin
eCloner.getOrCreate(FunctionInline.ja
va:247)
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at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:304)
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```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:294)
```

```
at ir.visitor.InstructionVisitor.visit(Instr  
uctionVisitor.java:7)
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```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visit(Functi
onInline.java:297)
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at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:267)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:215)
```

```
at ir.visitor.ValueVisitor.visit(ValueVisitor.java:13)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.getOrCreate(FunctionInline.ja
va:247)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:304)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:294)
```

```
at ir.visitor.InstructionVisitor.visit(Instr  
uctionVisitor.java:7)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visit(Functi
onInline.java:297)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:267)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.visitInstruction(FunctionInline.
java:215)
```

```
at ir.visitor.ValueVisitor.visit(ValueVisi
or.java:13)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner.getOrCreate(FunctionInline.ja
va:247)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:304)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visitBinary
OpInst(FunctionInline.java:294)
```

```
at ir.visitor.InstructionVisitor.visit(Instr  
uctionVisitor.java:7)
```

```
at pass.ir.FunctionInline$FunctionInlin
eCloner$InstructionCloner.visit(Functi
```


			<div>onInline.java:297)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner.visitInstruction(FunctionInline. java:267)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner.visitInstruction(FunctionInline. java:215)</div> <div>at ir.visitor.ValueVisitor.visit(ValueVisit or.java:13)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner.getOrCreate(FunctionInline.ja va:247)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner\$InstructionCloner.visitBinary OpInst(FunctionInline.java:304)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner\$InstructionCloner.visitBinary OpInst(FunctionInline.java:294)</div> <div>at ir.visitor.InstructionVisitor.visit(Instr uctionVisitor.java:7)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner\$InstructionCloner.visit(Functi onInline.java:297)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner.visitInstruction(FunctionInline. java:267)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner.visitInstruction(FunctionInline. java:215)</div> <div>at ir.visitor.ValueVisitor.visit(ValueVisit or.java:13)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner.getOrCreate(FunctionInline.ja va:247)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner\$InstructionCloner.visitBinary OpInst(FunctionInline.java:304)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner\$InstructionCloner.visitBinary OpInst(FunctionInline.java:294)</div> <div>at ir.visitor.InstructionVisitor.visit(Instr uctionVisitor.java:7)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner\$InstructionCloner.visit(Functi onInline.java:297)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner.visitInstruction(FunctionInline. java:267)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner.visitInstruction(FunctionInline. java:215)</div> <div>at ir.visitor.ValueVisitor.visit(ValueVisit or.java:13)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner.getOrCreate(FunctionInline.ja va:247)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner\$InstructionCloner.visitBinary OpInst(FunctionInline.java:304)</div> <div>at pass.ir.FunctionInline\$FunctionInlin eCloner\$InstructionCloner.visitBinary OpInst(FunctionInline.java:294)</div> <div>-----938 more-----</div>
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There is something wrong when running cmd:

```
java -jar /root/run/compiler.jar -S -o /root/run/testcase.s testdataFolder/shuffle0.sy -O2
```

ExitCode: 1

[33;1m[info][IRPassManager: 52] | Begin run #0:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #1:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #2:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #3:ClearUnreachableBlock[0m

[33;1m[info][IRPassManager: 52] | Begin run #4:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #5:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #6:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #7:MergeDirectBranch[0m

[33;1m[info][IRPassManager: 52] | Begin run #8:FunctionInline[0m

[33;1m[info][BasicBlock: 189] | Eliminate BBBlock while_body:81:4[0m

[33;1m[info][BasicBlock: 189] | Eliminate BBBlock while_body:86:4[0m

[33;1m[info][IRPassManager: 52] | Begin run #9:ClearUselessFunction[0m

[33;1m[info][IRPassManager: 52] | Begin run #10:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #11:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #12:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #13:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #14:RemoveTrivialPhi[0m

Exception in thread "main" java.lang.RuntimeException: Fail at arg: [-S, -o, /root/run/testcase.s, testdataFolder/shuffle0.sy, -O2]

at Compiler.main(Compiler.java:16)

Caused by: pass.ir.IRPassManager\$IRPassException: IRPass exception on #14:RemoveTrivialPhi

at pass.ir.IRPassManager.runPass(IRPassManager.java:55)

at pass.ir.IRPassManager.lambda\$runDefaultInstructionClearUpPasses\$2(IRPassManager.java:40)

at ir.GlobalModifitationStatus.doUntilNoChange(GlobalModifitationStatus.java:35)

at pass.ir.IRPassManager.runDefaultInstructionClearUpPasses(IRPassManager.java:38)

at pass.ir.IRPassManager.lambda\$runDefaultBlockClearUpPasses\$1(IRPassManager.java:30)

			<div>at ir.GlobalModifitationStatus.doUntil NoChange(GlobalModifitationStatus.java:35)</div> <div>at pass.ir.IRPassManager.runDefaultBlockClearUpPasses(IRPassManager.java:29)</div> <div>at pass.ir.IRPassManager.lambda\$runAllPasses\$0(IRPassManager.java:19)</div> <div>at ir.GlobalModifitationStatus.doUntil NoChange(GlobalModifitationStatus.java:35)</div> <div>at pass.ir.IRPassManager.runAllPasses (IRPassManager.java:15)</div> <div>at Main.main(Main.java:55)</div> <div>at Compiler.main(Compiler.java:13)</div> <div>Caused by: ir.IRVerifyException: while_body_0001_inline_exit:81:4 (From: Non-phi instruction shouldn't appearance between phis)</div> <div>at ir.Value.ensure(Value.java:118)</div> <div>at ir.BasicBlock.lambda\$iterPhis\$0(BasicBlock.java:88)</div> <div>at utils.IteratorTools\$2.next(IteratorTools.java:47)</div> <div>at java.base/java.lang.Iterable.forEach(Iterable.java:74)</div> <div>at utils.IteratorTools.iterToListView(IteratorTools.java:8)</div> <div>at ir.BasicBlock.phis(BasicBlock.java:95)</div> <div>at pass.ir.RemoveTrivialPhi.removeTrivialPhi(RemoveTrivialPhi.java:20)</div> <div>at java.base/java.lang.Iterable.forEach(Iterable.java:75)</div> <div>at pass.ir.RemoveTrivialPhi.lambda\$runPass\$0(RemoveTrivialPhi.java:15)</div> <div>at ir.GlobalModifitationStatus.doUntil NoChange(GlobalModifitationStatus.java:35)</div> <div>at pass.ir.RemoveTrivialPhi.runPass(RemoveTrivialPhi.java:14)</div> <div>at pass.ir.IRPassManager.runPass(IRPassManager.java:53)</div> <div>... 11 more</div>
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There is something wrong when running cmd:

```
java -jar /root/run/compiler.jar -S -o /root/run/testcase.s testdataFolder/shuffle1.sy -O2
```

ExitCode: 1

[33;1m[info][IRPassManager: 52] | Begin run #0:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #1:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #2:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #3:ClearUnreachableBlock[0m

[33;1m[info][IRPassManager: 52] | Begin run #4:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #5:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #6:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #7:MergeDirectBranch[0m

[33;1m[info][IRPassManager: 52] | Begin run #8:FunctionInline[0m

[33;1m[info][BasicBlock: 189] | Eliminate BBBlock while_body:81:4[0m

[33;1m[info][BasicBlock: 189] | Eliminate BBBlock while_body:86:4[0m

[33;1m[info][IRPassManager: 52] | Begin run #9:ClearUselessFunction[0m

[33;1m[info][IRPassManager: 52] | Begin run #10:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #11:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #12:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #13:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #14:RemoveTrivialPhi[0m

Exception in thread "main" java.lang.RuntimeException: Fail at arg: [-S, -o, /root/run/testcase.s, testdataFolder/shuffle1.sy, -O2]

at Compiler.main(Compiler.java:16)

Caused by: pass.ir.IRPassManager\$IRPassException: IRPass exception on #14:RemoveTrivialPhi

at pass.ir.IRPassManager.runPass(IRPassManager.java:55)

at pass.ir.IRPassManager.lambda\$runDefaultInstructionClearUpPasses\$2(IRPassManager.java:40)

at ir.GlobalModifitationStatus.doUntilNoChange(GlobalModifitationStatus.java:35)

at pass.ir.IRPassManager.runDefaultInstructionClearUpPasses(IRPassManager.java:38)

at pass.ir.IRPassManager.lambda\$runDefaultBlockClearUpPasses\$1(IRPassManager.java:30)

			<div>at ir.GlobalModifitationStatus.doUntil NoChange(GlobalModifitationStatus.j ava:35)</div> <div>at pass.ir.IRPassManager.runDefaultBl ockClearUpPasses(IRPassManager.jav a:29)</div> <div>at pass.ir.IRPassManager.lambda\$run AllPasses\$0(IRPassManager.java:19)</div> <div>at ir.GlobalModifitationStatus.doUntil NoChange(GlobalModifitationStatus.j ava:35)</div> <div>at pass.ir.IRPassManager.runAllPasses (IRPassManager.java:15)</div> <div>at Main.main(Main.java:55)</div> <div>at Compiler.main(Compiler.java:13)</div> <div>Caused by: ir.IRVerifyException: while_ body_0002_inline_exit:81:4 (From: No n-phi instruction shouldn't appearanc e between phis)</div> <div>at ir.Value.ensure(Value.java:118)</div> <div>at ir.BasicBlock.lambda\$iterPhis\$0(Bas icBlock.java:88)</div> <div>at utils.IteratorTools\$2.next(IteratorTo ols.java:47)</div> <div>at java.base/java.lang.Iterable.forEach (Iterable.java:74)</div> <div>at utils.IteratorTools.iterToListView(Iter atorTools.java:8)</div> <div>at ir.BasicBlock.phis(BasicBlock.java:9 5)</div> <div>at pass.ir.RemoveTrivialPhi.removeTriv ialPhi(RemoveTrivialPhi.java:20)</div> <div>at java.base/java.lang.Iterable.forEach (Iterable.java:75)</div> <div>at pass.ir.RemoveTrivialPhi.lambda\$ru nPass\$0(RemoveTrivialPhi.java:15)</div> <div>at ir.GlobalModifitationStatus.doUntil NoChange(GlobalModifitationStatus.j ava:35)</div> <div>at pass.ir.RemoveTrivialPhi.runPass(Re moveTrivialPhi.java:14)</div> <div>at pass.ir.IRPassManager.runPass(IRPa ssManager.java:53)</div> <div>... 11 more</div>
--	--	--	--

There is something wrong when running cmd:

```
java -jar /root/run/compiler.jar -S -o /root/run/testcase.s testdataFolder/shuffle2.sy -O2
```

ExitCode: 1

[33;1m[info][IRPassManager: 52] | Begin run #0:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #1:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #2:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #3:ClearUnreachableBlock[0m

[33;1m[info][IRPassManager: 52] | Begin run #4:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #5:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #6:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #7:MergeDirectBranch[0m

[33;1m[info][IRPassManager: 52] | Begin run #8:FunctionInline[0m

[33;1m[info][BasicBlock: 189] | Eliminate BBBlock while_body:81:4[0m

[33;1m[info][BasicBlock: 189] | Eliminate BBBlock while_body:86:4[0m

[33;1m[info][IRPassManager: 52] | Begin run #9:ClearUselessFunction[0m

[33;1m[info][IRPassManager: 52] | Begin run #10:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #11:RemoveTrivialPhi[0m

[33;1m[info][IRPassManager: 52] | Begin run #12:ClearUselessInstruction[0m

[33;1m[info][IRPassManager: 52] | Begin run #13:ConstantFold[0m

[33;1m[info][IRPassManager: 52] | Begin run #14:RemoveTrivialPhi[0m

Exception in thread "main" java.lang.RuntimeException: Fail at arg: [-S, -o, /root/run/testcase.s, testdataFolder/shuffle2.sy, -O2]

at Compiler.main(Compiler.java:16)

Caused by: pass.ir.IRPassManager\$IRPassException: IRPass exception on #14:RemoveTrivialPhi

at pass.ir.IRPassManager.runPass(IRPassManager.java:55)

at pass.ir.IRPassManager.lambda\$runDefaultInstructionClearUpPasses\$2(IRPassManager.java:40)

at ir.GlobalModifitationStatus.doUntilNoChange(GlobalModifitationStatus.java:35)

at pass.ir.IRPassManager.runDefaultInstructionClearUpPasses(IRPassManager.java:38)

at pass.ir.IRPassManager.lambda\$runDefaultBlockClearUpPasses\$1(IRPassManager.java:30)

				at ir.GlobalModifitationStatus.doUntil NoChange(GlobalModifitationStatus.java:35) at pass.ir.IRPassManager.runDefaultBlockClearUpPasses(IRPassManager.java:29) at pass.ir.IRPassManager.lambda\$runAllPasses\$0(IRPassManager.java:19) at ir.GlobalModifitationStatus.doUntil NoChange(GlobalModifitationStatus.java:35) at pass.ir.IRPassManager.runAllPasses (IRPassManager.java:15) at Main.main(Main.java:55) at Compiler.main(Compiler.java:13) Caused by: ir.IRVerifyException: while_body_0002_inline_exit:81:4 (From: Non-phi instruction shouldn't appearance between phis) at ir.Value.ensure(Value.java:118) at ir.BasicBlock.lambda\$iterPhis\$0(BasicBlock.java:88) at utils.IteratorTools\$2.next(IteratorTools.java:47) at java.base/java.lang.Iterable.forEach(Iterable.java:74) at utils.IteratorTools.iterToListView(IteratorTools.java:8) at ir.BasicBlock.phis(BasicBlock.java:95) at pass.ir.RemoveTrivialPhi.removeTrivialPhi(RemoveTrivialPhi.java:20) at java.base/java.lang.Iterable.forEach(Iterable.java:75) at pass.ir.RemoveTrivialPhi.lambda\$runPass\$0(RemoveTrivialPhi.java:15) at ir.GlobalModifitationStatus.doUntil NoChange(GlobalModifitationStatus.java:35) at pass.ir.RemoveTrivialPhi.runPass(RemoveTrivialPhi.java:14) at pass.ir.IRPassManager.runPass(IRPassManager.java:53) ... 11 more
7	integer-divide-optimization-3	TLE	-	Timeout while executing assembly on Raspberry Pi.(300 s)
8	crypto-1	WA	-	Timer@0161-0184: 0H-0M-1S-813604us TOTAL: 0H-0M-1S-813604us
9	crypto-2	WA	-	Timer@0161-0184: 0H-0M-1S-485964us TOTAL: 0H-0M-1S-485964us
10	crypto-3	WA	-	Timer@0161-0184: 0H-0M-1S-971367us TOTAL: 0H-0M-1S-971367us

11	integer-divide-optimization-1	WA	-	Timer@1016-1031: 0H-0M-0S-211929us TOTAL: 0H-0M-0S-211929us
12	integer-divide-optimization-2	WA	-	Timer@1016-1031: 0H-1M-48S-154614us TOTAL: 0H-1M-48S-154614us
13	bitset1	AC	2 s 57009 us	Timer@0056-0064: 0H-0M-2S-57009us TOTAL: 0H-0M-2S-57009us
14	bitset2	AC	4 s 114063 us	Timer@0056-0064: 0H-0M-4S-114063us TOTAL: 0H-0M-4S-114063us
15	bitset3	AC	6 s 167034 us	Timer@0056-0064: 0H-0M-6S-167034us TOTAL: 0H-0M-6S-167034us
16	brainfuck-bootstrap	AC	22 s 147848 us	Timer@0116-0118: 0H-0M-22S-147848us TOTAL: 0H-0M-22S-147848us
17	brainfuck-mandelbrot-nerf	AC	68 s 110780 us	Timer@0116-0118: 0H-1M-8S-110780us TOTAL: 0H-1M-8S-110780us
18	brainfuck-pi-nerf	AC	3 s 660596 us	Timer@0116-0118: 0H-0M-3S-660596us TOTAL: 0H-0M-3S-660596us
19	conv0	AC	198 s 922816 us	Timer@0109-0116: 0H-3M-18S-922816us TOTAL: 0H-3M-18S-922816us
20	conv1	AC	260 s 304523 us	Timer@0109-0116: 0H-4M-20S-304523us TOTAL: 0H-4M-20S-304523us
21	conv2	AC	178 s 833388 us	Timer@0109-0116: 0H-2M-58S-833388us TOTAL: 0H-2M-58S-833388us
22	dead-code-elimination-1	AC	0 s 36 us	Timer@100016-100032: 0H-0M-0S-36us TOTAL: 0H-0M-0S-36us
23	dead-code-elimination-2	AC	0 s 3628 us	Timer@100016-100032: 0H-0M-0S-3628us TOTAL: 0H-0M-0S-3628us
24	dead-code-elimination-3	AC	0 s 358081 us	Timer@100016-100032: 0H-0M-0S-358081us TOTAL: 0H-0M-0S-358081us

25	fft0	AC	7 s 868115 us	Timer@0060-0079: 0H-0M-7S-868115us TOTAL: 0H-0M-7S-868115us
26	fft1	AC	16 s 854459 us	Timer@0060-0079: 0H-0M-16S-854459us TOTAL: 0H-0M-16S-854459us
27	fft2	AC	16 s 259377 us	Timer@0060-0079: 0H-0M-16S-259377us TOTAL: 0H-0M-16S-259377us
28	floyd-0	AC	0 s 77 us	Timer@0062-0064: 0H-0M-0S-77us TOTAL: 0H-0M-0S-77us
29	floyd-1	AC	0 s 55384 us	Timer@0062-0064: 0H-0M-0S-55384us TOTAL: 0H-0M-0S-55384us
30	floyd-2	AC	27 s 172855 us	Timer@0062-0064: 0H-0M-27S-172855us TOTAL: 0H-0M-27S-172855us
31	gameoflife-gosper	AC	21 s 829618 us	Timer@0095-0106: 0H-0M-21S-829618us TOTAL: 0H-0M-21S-829618us
32	gameoflife-oscillator	AC	19 s 406797 us	Timer@0095-0106: 0H-0M-19S-406797us TOTAL: 0H-0M-19S-406797us
33	gameoflife-p61glidergun	AC	19 s 467171 us	Timer@0095-0106: 0H-0M-19S-467171us TOTAL: 0H-0M-19S-467171us
34	instruction-combining-1	AC	0 s 52195 us	Timer@10015-10030: 0H-0M-0S-52195us TOTAL: 0H-0M-0S-52195us
35	instruction-combining-2	AC	13 s 122008 us	Timer@10015-10030: 0H-0M-13S-122008us TOTAL: 0H-0M-13S-122008us
36	instruction-combining-3	AC	13 s 131397 us	Timer@10015-10030: 0H-0M-13S-131397us TOTAL: 0H-0M-13S-131397us
37	median0	AC	5 s 845945 us	Timer@0059-0061: 0H-0M-5S-845945us TOTAL: 0H-0M-5S-845945us
38	median1	AC	4 s 958494 us	Timer@0059-0061: 0H-0M-4S-958494us TOTAL: 0H-0M-4S-958494us

39	median2	AC	33 s 417076 us	Timer@0059-0061: 0H-0M-33S-417076us TOTAL: 0H-0M-33S-417076us
40	mm1	AC	8 s 172687 us	Timer@0065-0084: 0H-0M-8S-172687us TOTAL: 0H-0M-8S-172687us
41	mm2	AC	7 s 395600 us	Timer@0065-0084: 0H-0M-7S-395600us TOTAL: 0H-0M-7S-395600us
42	mm3	AC	5 s 706561 us	Timer@0065-0084: 0H-0M-5S-706561us TOTAL: 0H-0M-5S-706561us
43	mv1	AC	6 s 662568 us	Timer@0059-0067: 0H-0M-6S-662568us TOTAL: 0H-0M-6S-662568us
44	mv2	AC	3 s 672247 us	Timer@0059-0067: 0H-0M-3S-672247us TOTAL: 0H-0M-3S-672247us
45	mv3	AC	4 s 841529 us	Timer@0059-0067: 0H-0M-4S-841529us TOTAL: 0H-0M-4S-841529us
46	sl1	AC	46 s 843977 us	Timer@0013-0053: 0H-0M-46S-843977us TOTAL: 0H-0M-46S-843977us
47	sl2	AC	24 s 701977 us	Timer@0013-0053: 0H-0M-24S-701977us TOTAL: 0H-0M-24S-701977us
48	sl3	AC	14 s 575163 us	Timer@0013-0053: 0H-0M-14S-575163us TOTAL: 0H-0M-14S-575163us
49	sort1	AC	1 s 341223 us	Timer@0090-0102: 0H-0M-1S-341223us TOTAL: 0H-0M-1S-341223us
50	sort2	AC	18 s 809594 us	Timer@0090-0102: 0H-0M-18S-809594us TOTAL: 0H-0M-18S-809594us
51	sort3	AC	3 s 656778 us	Timer@0090-0102: 0H-0M-3S-656778us TOTAL: 0H-0M-3S-656778us
52	spmv1	AC	5 s 406 us	Timer@0039-0047: 0H-0M-5S-406us TOTAL: 0H-0M-5S-406us
53	spmv2	AC	2 s 686005 us	Timer@0039-0047: 0H-0M-2S-686005us TOTAL: 0H-0M-2S-686005us

54	spmv3	AC	2 s 705512 us	Timer@0039-0047: 0H-0M-2S-705512us TOTAL: 0H-0M-2S-705512us
55	stencil0	AC	0 s 49509 us	Timer@0023-0059: 0H-0M-0S-49509us TOTAL: 0H-0M-0S-49509us
56	stencil1	AC	0 s 118031 us	Timer@0023-0059: 0H-0M-0S-118031us TOTAL: 0H-0M-0S-118031us
57	transpose0	AC	4 s 429202 us	Timer@0028-0047: 0H-0M-4S-429202us TOTAL: 0H-0M-4S-429202us
58	transpose1	AC	4 s 614410 us	Timer@0028-0047: 0H-0M-4S-614410us TOTAL: 0H-0M-4S-614410us
59	transpose2	AC	12 s 746565 us	Timer@0028-0047: 0H-0M-12S-746565us TOTAL: 0H-0M-12S-746565us

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/utills/Pair.java /coursegrader/submitdata/src/utills/StringUtills.java /coursegrader/submitdata/src/utills/LLVMDumper.java /coursegrader/submitdata/src/utills/INode.java /coursegrader/submitdata/src/utills/IList.java /coursegrader/submitdata/src/utills/CollectionTools.java /coursegrader/submitdata/src/utills/ChainMap.java /coursegrader/submitdata/src/utills/INodeOwner.java /coursegrader/submitdata/src/utills/IListException.java /coursegrader/submitdata/src/utills/Log.java /coursegrader/submitdata/src/utills/IListOwner.java /coursegrader/submitdata/src/utills/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/MemnitInst.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/CmplInst.java /coursegrader/submitdata/src/ir/inst/Instruction.java /coursegrader/submitdata/src/ir/inst/BrlInst.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/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/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/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/ArmlnstUnary.java /coursegrader/submitdata/src/backend/arm/ArmlnstMove.java /coursegrader/submitdata/src/backend/arm/ArmlnstStore.java /coursegrader/submitdata/src/backend/arm/ArmlnstLtorg.java /coursegrader/submitdata/src/backend/arm/ArmlnstBinary.java /coursegrader/submitdata/src/backend/arm/ArmlnstLoad.java /coursegrader/submitdata/src/backend/arm/ArmlnstReturn.java /coursegrader/submitdata/src/backend/arm/Armlnst.java /coursegrader/submitdata/src/backend/arm/ArmFunction.java /coursegrader/submitdata/src/backend/arm/Armblock.java /coursegrader/submitdata/src/backend/arm/ArmlnstFloatToInt.java /coursegrader/submitdata/src/backend/arm/ArmlnstIntToFloat.java /coursegrader/submitdata/src/backend/arm/ArmlnstBranch.java /coursegrader/submitdata/src/backend/arm/ArmlnstCmp.java /coursegrader/submitdata/src/backend/arm/ArmlnstCall.java /coursegrader/submitdata/src/backend/arm/ArmlnstTernary.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/Flmm.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/lmm.java /coursegrader/submitdata/src/backend/operand/Ilmm.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/CollectMemoryDefination.java /coursegrader/submitdata/src/pass/ir/memory/MemoryInfo.java /coursegrader/submitdata/src/pass/ir/memory/MemHandler.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 && jar --create --file /root/run/compiler.jar --main-class Compiler -C /root/run/classes .
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