

# MiniJava Compiler Evaluation

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# Correctness Tests: Lexer

test case	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	Z
all_chars.java			X			F	-			F	X									X	X	255	F	
all_tokens.java			X			F	-			F	X					X			X	X	X	255	F	
big_number.java			X	X		F	-			F	X											255	F	
Bottles.java			X				-			F	X											255	F	
char_00.java				E			-				E									E	E	255		
char_0D.java			X			F	-			F	X											255	F	
char_FF.java			E	E			-		E		E									E	E	255		
char_invalid.java			E	A			-				E									E	E	255		
comment_2_in_1_line.java			X			F	-			F	X											255	F	
comment_at_end.java			X			F	-			F	X											255	F	
comment_at_start.java			X			F	-			F	X											255	F	
comment_minimal.java			X			F	-			X												255	F	
comment_multi-line.java			X			F	-			X	X											255	F	
comment_only.java			X			F	-			X												255	F	
comment_unterminated.java			E	E			-				E				255	E				S	I	255		
comment_with_inv_char.java			F			F	-			F	X											255	F	
comment_with_slash.java			X			F	-			F	X									X		255	F	
double_slash.java			X			F	-			F	X									X	X	255	F	
empty.java						F	-			X												255	F	
exercise_example.java			X			F	-			F	X											255	F	
Fac.java			X				-			F	X											255	F	
Fib.java			X			F	-			F	X										X	255	F	
GCD.java			X				-			F	X											255	F	
HelloSomething.java			X				-			F	X											255	F	
identifiers.java			X			F	-			F	X											255	F	
long_ident.java			X			F	-			F	X											255	F	
MinInt.java			X	X			-			X	X											255	F	
mixed_eols.java			X			F	-			F	X											255	F	
no_eol.java			X			X	-			F	X					X						255	F	
numbers.java			X			F	-			F	X											255	F	
token_pairs.java			X	X		F	-			F	X					X			X	X	F	255	F	
tokens_seperated_by_comment.java			X			F	-			F	X											255	F	
whitespace.java			X			F	-			F	X											255	F	
passed (of 33)	33	33	2	26	33	9	0	33	32	4	33	3	33	0	32	29	0	14	31	23	25	0	4	33
size (bytes)	45,203	42,310	24,238	57,347	21,696	7,482	0	32,508	34,867	48,191	20,261	18,849	44,872	37,488	5,841	24,085	0	163,334	153,478	57,904	7,962	12,578	5,064	46,121

X wrong output

E error not detected

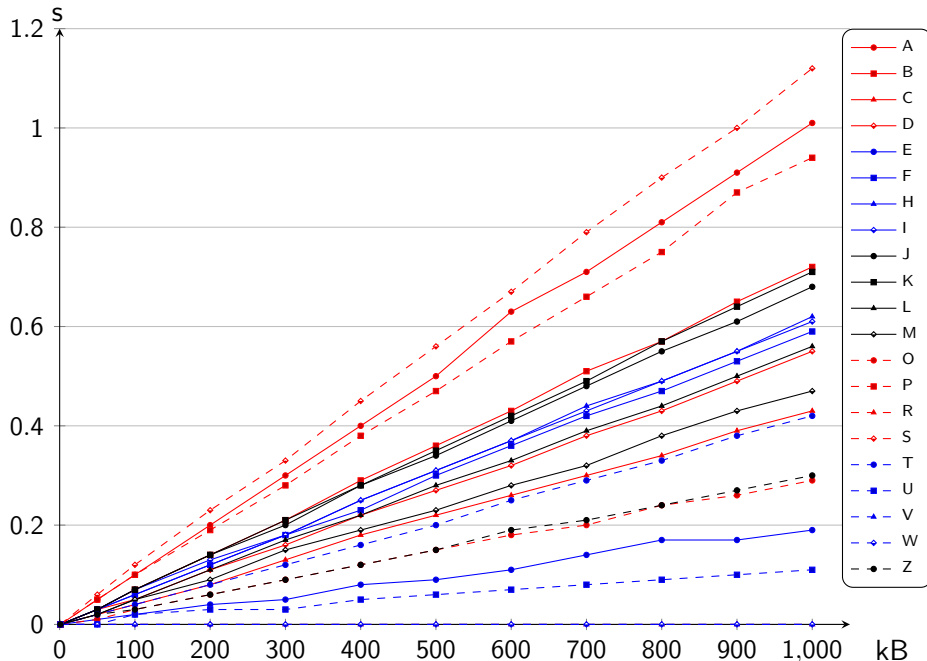
F failed with error on valid input

S segfault

A assertion/abort

I infinite loop

# Throughput Test: Lexer



# Correctness Tests: Parser

testcase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	Z	
all_operators.java			F	F		-				F		F		-	F		-		S	S	75	255	F		
all_statements.java				F		-	F			F		F		-	F		-	F		S	S	75	255	F	
bad_body.java						E										E		-		S	S	75	255		
Bottles.java						-				F				-	F					S	S	75	255	F	
decl_without_declarator.java				S	E						E	E				E		-		S	S	75	255		
deep_paren.java				F		-				F		F		-	F		-			S	S	75	255	F	
double_comma.java					E						E					E		-		S	S	75	255		
empty_block.java				F		-				F				-	F		-			S	S	75	255	F	
empty_class.java						-				F				-	F		-			S	S	75	255	F	
empty_statements.java				F		-				F		F		-	F		-			S	S	75	255	F	
extraneous_comma.java						E	-	E			E			-		E		-		S	S	75	255		
Fac.java						-				F				-	F		-			S	S	75	255	F	
Fib.java						-	F			F				-	F		-			S	S	75	255	F	
GCD.java						-				F				-	F		-			S	S	75	255	F	
HelloSomething.java						-				F		F		-	F		-			S	S	75	255	F	
if_else_else.java				F		-				F				-	F		-	F		S	S	75	255	F	
keyword_var.java						E					E	E				E		-		S	S	75	255		
LinkedList.java	F		F	F		-				F		F		F	-	F		-		S	S	75	255	F	
long_lhs.java			F	F		-	F			F		F		F	-	F		-		S	S	75	255	F	
misc.java						-				F		F		F	-	F		-		S	S	75	255	F	
missing_brace2.java						E	-				E			-		E		-		S	S	75	255		
missing_brace.java						E	-	A	S		E	E				E		-		S	S	75	255		
missing_comma.java						E	-				E	E				E		-		S	S	75	255		
missing_init.java						E	-				E	E				E		-		S	S	75	255		
missing_operand.java						E	-				E	E				E		-		S	S	75	255		
missing_param_name.java						E	-				E			-		E		-		S	S	75	255		
missing_public.java						E	-				E			-		E		-		S	S	75	255		
multiple_classes.java						-				F		F		-	F		-			S	S	75	255	F	
multiple_comma.java						E	-				E	E				E		-		S	S	75	255		
non_block_declaration.java				E		-	A			E	E	E				E		-		S	S	75	255		
OP_Triples_All.java			F			-		I		F		F		-	F		-			S	S	75	255	F	
OP_Triples.java			F			-				F		F		F	-	F		-		S	S	75	255	F	
other_main.java				F		-				F		F		F	-	F		-	F	S	S	75	255	F	
out.java						E					E	E				E		-		S	S	75	255		
semicolon_in_class.java				S	E	-					E			-		E		-		S	S	75	255		
split_operator.java						E	-				E			-		E		-		S	S	75	255		
system.java				F		-				F		F		-	F		-		F	S	S	75	255	F	
System_out_println_x.java				F		-				F		F		F	-	F		-	F	S	S	75	255	F	
passed (of 38)	36	38	32	25	36	21	0	32	36	17	21	18	34	0	17	21	0	35	34	0	0	0	0	17	38
size (bytes)	46,203	42,310	24,238	57,347	21,696	7,452	0	32,508	34,867	48,191	20,201	18,849	44,872	37,488	5,841	24,035	0	163,334	153,478	57,904	7,902	12,578	5,064	46,121	

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