

=====			
#	SYMBOL	TYPE	VALUE
LINE			
=====			
=== =====			
1	#*	LComment	
#*	1		
2		Comment	
Progl	1		
3	*#	RComment	
*#	1		
4	STARTPROGRAM	Program	
STARTPROGRAM	2		
5	VARIABLE	Vars	
VARIABLE	3		
6	INT_4	VarType	
INT_4	3		
7		Identifier	
_aaaa	3		
8	,	Comma	
,	3		
9		Identifier	
_bbbb	3		
10	,	Comma	
,	3		
11		Identifier	
_xxxx	3		
12	,	Comma	
,	3		
13		Identifier	
_yyyy	3		
14	;	Semicolon	
;	3		
15	STARTBLOK	Start	
STARTBLOK	4		
16	WRITE	Write	
WRITE	5		
17	(	LBracket	
(	5		
18	"	Quotes	
"	5		
19		String	
A:	5		
20	"	Quotes	
"	5		
21	)	RBracket	
)	5		
22	;	Semicolon	
;	5		
23	READ	Read	
READ	6		
24	(	LBracket	
(	6		

Input

|	25	|		|	Identifier	|
_aaaa	|	6	|			
|	26	|	)	|	RBracket	|
)	|	6	|			
|	27	|	;	|	Semicolon	|
;	|	6	|			
|	28	|	WRITE	|	Write	|
WRITE	|	7	|			
|	29	|	(	|	LBracket	|
(	|	7	|			
|	30	|	"	|	Quotes	|
"	|	7	|			
|	31	|		|	String	|
B:	|	7	|			
|	32	|	"	|	Quotes	|
"	|	7	|			
|	33	|	)	|	RBracket	|
)	|	7	|			
|	34	|	;	|	Semicolon	|
;	|	7	|			
|	35	|	READ	|	Read	|
READ	|	8	|			
|	36	|	(	|	LBracket	|
(	|	8	|			
|	37	|		|	Identifier	|
_bbbb	|	8	|			
|	38	|	)	|	RBracket	|
)	|	8	|			
|	39	|	;	|	Semicolon	|
;	|	8	|			
|	40	|	WRITE	|	Write	|
WRITE	|	9	|			
|	41	|	(	|	LBracket	|
(	|	9	|			
|	42	|	"	|	Quotes	|
"	|	9	|			
|	43	|		|	String	|
B:	|	9	|			
|	44	|	"	|	Quotes	|
"	|	9	|			
|	45	|	)	|	RBracket	|
)	|	9	|			
|	46	|	;	|	Semicolon	|
;	|	9	|			
|	47	|	WRITE	|	Write	|
WRITE	|	10	|			
|	48	|	(	|	LBracket	|
(	|	10	|			
|	49	|		|	Identifier	|
_aaaa	|	10	|			
|	50	|	ADD	|	Addition	|
ADD	|	10	|			
|	51	|		|	Identifier	|
_bbbb	|	10	|			

Input

A +

|	52	|	)	|	RBracket	|	
)	|	10	|				
|	53	|	;	|	Semicolon	|	
;	|	10	|				
|	54	|	WRITE	|	Write	|	
WRITE	|	11	|				
|	55	|	(	|	LBracket	|	
(	|	11	|				
|	56	|	"	|	Quotes	|	
"	|	11	|				
|	57	|		|	String	|	\nA -
B:	|	11	|				
|	58	|	"	|	Quotes	|	
"	|	11	|				
|	59	|	)	|	RBracket	|	
)	|	11	|				
|	60	|	;	|	Semicolon	|	
;	|	11	|				
|	61	|	WRITE	|	Write	|	
WRITE	|	12	|				
|	62	|	(	|	LBracket	|	
(	|	12	|				
|	63	|		|	Identifier	|	
_aaaa	|	12	|				
|	64	|	SUB	|	Subtraction	|	
SUB	|	12	|				
|	65	|		|	Identifier	|	
_bbbb	|	12	|				
|	66	|	)	|	RBracket	|	
)	|	12	|				
|	67	|	;	|	Semicolon	|	
;	|	12	|				
|	68	|	WRITE	|	Write	|	
WRITE	|	13	|				
|	69	|	(	|	LBracket	|	
(	|	13	|				
|	70	|	"	|	Quotes	|	
"	|	13	|				
|	71	|		|	String	|	\nA *
B:	|	13	|				
|	72	|	"	|	Quotes	|	
"	|	13	|				
|	73	|	)	|	RBracket	|	
)	|	13	|				
|	74	|	;	|	Semicolon	|	
;	|	13	|				
|	75	|	WRITE	|	Write	|	
WRITE	|	14	|				
|	76	|	(	|	LBracket	|	
(	|	14	|				
|	77	|		|	Identifier	|	
_aaaa	|	14	|				
|	78	|	MUL	|	Multiplication	|	
MUL	|	14	|				

| 79 |	|	Identifier	|
_bbbb	| 14 |		
| 80 |	) |	RBracket	|
) |	14 |		
| 81 |	; |	Semicolon	|
; |	14 |		
| 82 |	WRITE |	Write	|
WRITE	| 15 |		
| 83 |	( |	LBracket	|
( |	15 |		
| 84 |	" |	Quotes	|
" |	15 |		
| 85 |	|	String	|
B:	| 15 |		\nA /
| 86 |	" |	Quotes	|
" |	15 |		
| 87 |	) |	RBracket	|
) |	15 |		
| 88 |	; |	Semicolon	|
; |	15 |		
| 89 |	WRITE |	Write	|
WRITE	| 16 |		
| 90 |	( |	LBracket	|
( |	16 |		
| 91 |	|	Identifier	|
_aaaa	| 16 |		
| 92 |	DIV |	Division	|
DIV	| 16 |		
| 93 |	|	Identifier	|
_bbbb	| 16 |		
| 94 |	) |	RBracket	|
) |	16 |		
| 95 |	; |	Semicolon	|
; |	16 |		
| 96 |	WRITE |	Write	|
WRITE	| 17 |		
| 97 |	( |	LBracket	|
( |	17 |		
| 98 |	" |	Quotes	|
" |	17 |		
| 99 |	|	String	|
B:	| 17 |		\nA %
| 100 |	" |	Quotes	|
" |	17 |		
| 101 |	) |	RBracket	|
) |	17 |		
| 102 |	; |	Semicolon	|
; |	17 |		
| 103 |	WRITE |	Write	|
WRITE	| 18 |		
| 104 |	( |	LBracket	|
( |	18 |		
| 105 |	|	Identifier	|
_aaaa	| 18 |		

| 106 |	MOD |	Mod |
MOD | 18 |		
| 107 |		Identifier |
_bbbb | 18 |		
| 108 |	) |	RBracket |
) | 18 |		
| 109 |	; |	Semicolon |
; | 18 |		
| 110 |		Identifier |
_xxxx | 19 |		
| 111 |	<- |	Assignment |
<- | 19 |		
| 112 |	( |	LBracket |
( | 19 |		
| 113 |		Identifier |
_aaaa | 19 |		
| 114 |	SUB |	Subtraction |
SUB | 19 |		
| 115 |		Identifier |
_bbbb | 19 |		
| 116 |	) |	RBracket |
) | 19 |		
| 117 |	MUL |	Multiplication |
MUL | 19 |		
| 118 |		Number |
10 | 19 |		
| 119 |	ADD |	Addition |
ADD | 19 |		
| 120 |	( |	LBracket |
( | 19 |		
| 121 |		Identifier |
_aaaa | 19 |		
| 122 |	ADD |	Addition |
ADD | 19 |		
| 123 |		Identifier |
_bbbb | 19 |		
| 124 |	) |	RBracket |
) | 19 |		
| 125 |	DIV |	Division |
DIV | 19 |		
| 126 |		Number |
10 | 19 |		
| 127 |	; |	Semicolon |
; | 19 |		
| 128 |		Identifier |
_yyyy | 20 |		
| 129 |	<- |	Assignment |
<- | 20 |		
| 130 |		Identifier |
_xxxx | 20 |		
| 131 |	ADD |	Addition |
ADD | 20 |		
| 132 |	( |	LBracket |
( | 20 |		

| 133 |		Identifier |	
_xxxx |	20 |		
| 134 |	MOD |	Mod |	
MOD |	20 |		
| 135 |		Number |	
10 |	20 |		
| 136 |	) |	RBracket |	
) |	20 |		
| 137 |	; |	Semicolon |	
; |	20 |		
| 138 |	WRITE |	Write |	
WRITE |	21 |		
| 139 |	( |	LBracket |	
( |	21 |		
| 140 |	" |	Quotes |	
" |	21 |		
| 141 |		String |	\nX = (A - B) * 10 + (A + B) /
10\n |	21 |		
| 142 |	" |	Quotes |	
" |	21 |		
| 143 |	) |	RBracket |	
) |	21 |		
| 144 |	; |	Semicolon |	
; |	21 |		
| 145 |	WRITE |	Write |	
WRITE |	22 |		
| 146 |	( |	LBracket |	
( |	22 |		
| 147 |		Identifier |	
_xxxx |	22 |		
| 148 |	) |	RBracket |	
) |	22 |		
| 149 |	; |	Semicolon |	
; |	22 |		
| 150 |	WRITE |	Write |	
WRITE |	23 |		
| 151 |	( |	LBracket |	
( |	23 |		
| 152 |	" |	Quotes |	
" |	23 |		
| 153 |		String |	\nY = X + (X MOD
10)\n |	23 |		
| 154 |	" |	Quotes |	
" |	23 |		
| 155 |	) |	RBracket |	
) |	23 |		
| 156 |	; |	Semicolon |	
; |	23 |		
| 157 |	WRITE |	Write |	
WRITE |	24 |		
| 158 |	( |	LBracket |	
( |	24 |		
| 159 |		Identifier |	
_yyyy |	24 |		

160)	RBracket
) 24		
161	;	Semicolon
; 24		
162	ENDBLOK	End
ENDBLOK 25		
163		EndOfFile
-1		

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