Example 2: C++ LOC counting standard

How many LOC?

Using the C++ LOC counting standard on page 7, how many LOC are in the following program fragment?

```
#include <stdio.h>

void main (void)
{
        int i,j;

        for (i = 0; i < 10; i++)
                for (j = 0; j < 10; j++)
                        cout << i << ", " << j << endl;
}
```

Example C++ Size Counting Standard

Definition Name:	Example C++ LOC std.	Language:	C++
Author:	W.S. Humphrey	Date:	12/20/93

Count Type	Type	Comments
Physical/Logical	Logical	
Statement Type	**Included**	**Comments**
Executable	Yes	
Nonexecutable:		
Declarations	Yes,Notes 3, 4	
Compiler Directives	Yes, Note 4	
Comments	No	
Blank lines	No	
Other elements		
Clarifications		**Examples/Cases**
Empty statements	yes	";;", lone ;'s, etc.
Begin...end	note 1	
Expression evaluation	yes	when used as sub program arguments
End symbols	notes 1,2	for terminating executable statements, declarations, bodies
Then, else, otherwise	note 1	
Elseif	yes	
Keywords	yes	procedure division, interface, implementation
Labels	yes	branch destinations when on separate lines
Note 1		Count once every occurrence of the following key words: CASE, DO, ELSE, ENUM, FOR, IF, PRIVATE, PUBLIC, STRUCT, SWITCH, UNION, WHILE
Note 2		count once every occurrence of the following: ; , {} or };
Note 3		count each variable or parameter declaration
Note 4		count once each #define, #ifdef, #include, etc. statement