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The Virtual Learning Environment for Computer Programming

Parentheses Olimpiada Informática Española — Fin	P35352_en al 2007 (2007)
1 0	ermines, for each given word, if it is correctly parenempty sequence of '(',')','[' and ']' without
For instance, these are some words corr	ectly parenthesized:
[()] []() [] ()	((())[()[]]) ([])[]() ((()))
And these are some words incorrectly p	parenthesized:
[()(] [)[) ([] (	())[()[]]) )([][]() ((())]
Input	
The input consists of a series of words of	of between 1 and 1000 characters, one per line.
Output	
For each given word, your program mu	st print "correct" or "incorrect" as required.
Scoring	
• TestA:	30 Points
Some test cases will include words characters ' ( ' y ' ) '.	s like the ones in the instance 1, that is, only with the
• TestB:	70 Points
Other test cases will include word	s with the characters '(',')','['y']'.
Sample input 1	Sample output 1
() ( ()() ((())) )( ((())()))	correct incorrect correct incorrect incorrect
Sample input 2	Sample output 2
[] ()[] [()] ([[]()](()))	correct correct correct

incorrect incorrect

## **Problem information**

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