

# Circuit

## ZPRAC-16-17-Lab4

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[20 points]

Rachita doesn't fit in well with CSE people, rather she is interested in circuits and connections, however, it is not an easy thing to learn. She always make mistakes in circuit connections and ends up blowing everything due to short circuits. Could you please help her writing a program that checks if there is a short circuit or not.

### Question starts:

You are given integers  $M, N$  followed by a grid of size  $M \times N$ . The grid is made up of '+', '-' and other characters.

You have to check the grid for a short circuit. A short circuit occurs when a '+' and '-' are adjacent to each other in a row.

If there is a short circuit print "SHORT CIRCUIT" else print "OKAY".

### Example:

INPUT:

3 4  
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OUTPUT:

OKAY

INPUT:

3 4  
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OUTPUT:

SHORT CIRCUIT