

# Medium - Heads and Legs

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Everybody has probably heard of the animal heads and legs problem from the earlier years at school. It goes:

"A farm contains chickens and cows. There are `x` heads and `y` legs. How many chickens and cows are there?"

Write a function that takes in a number of heads and a number of legs as `Int` s, and returns either a `Tuple` showing how many chickens and cows there are, or the string "No solution found" if there isn't an answer.

## Examples

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- Given `heads = 1` and `legs = 2` , return `(1, 0)`
- Given `heads = 1` and `legs = 4` , return `(0, 1)`
- Given `heads = 3` and `legs = 10` , return `(1, 2)`
- Given `heads = 3` and `legs = 11` , return "No solution found"

## Notes

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Think carefully about the return type from your function

## Extension

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Instead of a `Tuple` , create a case class and return that instead