Objective

You are responsible for the lifeguards in a fairly quiet maritime area. The weather is nice today and while you thought you could relax peacefully, you get calls from tourist boats. They all ran out of engines not far from the coast.

No time to waste, you mobilize your rescue boat to rescue and repatriate travelers in distress. It can carry up to 10 people (in addition to the rescue team) **and can only rescue one boat at a time.**

You need to determine how many trips are needed.

Data format

Input

Row 1: an integer **N** between *1* and *100* representing to the number of boats in distress. Rows 2 to **N** + 1: an integer between *0* and *50* corresponding to the number of passengers to be rescued in each boat.

Output

The number of trips to be made by the rescue boat.