# Maximum money

Given street of houses (a row of houses), each house having some amount of money kept inside; now there is a thief who is going to steal this money but he has a constraint/rule that he cannot steal/rob two adjacent houses. Find the maximum money he can rob.

**Input:**

The first line of input contains an integer T denoting the number of test cases.
The first line of each test case is N and money.

**Output:**

Print maximum money he can rob.

**Constraints:**

$1 \leq T \leq 100$
$1 \leq money \leq 100$
$1 \leq N \leq 1000$

**Example:**

Input:

2

5 10

2 12

Output:

30

12