You are a professional robber planning to rob houses along a street. Each house has a certain amount of money stashed. All houses at this place are **arranged in a circle.** That means the first house is the neighbor of the last one. Meanwhile, adjacent houses have security system connected and **it will automatically contact the police if two adjacent houses were broken into on the same night**.

Given a list of non-negative integers representing the amount of money of each house, determine the maximum amount of money you can rob tonight **without alerting the police**.

**Example 1:**

**Input:** [2,3,2]

**Output:** 3

**Explanation:** You cannot rob house 1 (money = 2) and then rob house 3 (money = 2),

  because they are adjacent houses.

**Example 2:**

**Input:** [1,2,3,1]

**Output:** 4

**Explanation:** Rob house 1 (money = 1) and then rob house 3 (money = 3).

  Total amount you can rob = 1 + 3 = 4.