

## House Robber – Maximum possible stolen value

There are **n** houses built in a line, each of which contains some money in it. A robber wants to steal money from these houses, but he can't steal from **two adjacent** houses. The task is to find the **maximum** amount of money which can be stolen.

### Examples:

**Input:**  $hval[] = \{6, 7, 1, 3, 8, 2, 4\}$

**Output:** 19

**Explanation:** The thief will steal from house 1, 3, 5 and 7, total money =  $6 + 1 + 8 + 4 = 19$ .

**Input:**  $hval[] = \{5, 3, 4, 11, 2\}$

**Output:** 16

**Explanation:** Thief will steal from house 1 and 4, total money =  $5 + 11 = 16$ .