

Medium  382  24  Add to List  Share

Return the **maximum** number of white tiles that can be covered by the carpet.

It can be shown that the carpet cannot cover more than 9 white tiles.

Diagram illustrating the initial state of the system. On the left, a single vertical rectangle is labeled '1'. On the right, two vertical rectangles are shown side-by-side, labeled '10' and '11' respectively. A thick black horizontal bar is positioned above the rectangles on the right.

It covers 2 white tiles, so we return 2.

- $1 \leq \text{tiles.length} \leq 5 \times 10^4$
- $\text{tiles}[i].\text{length} == 2$
- $1 \leq l_i \leq r_i \leq 10^9$
- $1 \leq \text{carpetLen} \leq 10^9$
- The tiles are **non-overlapping**.

Seen this question in a real interview before?

No

Show Hint 2

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