Dynamic array->O(n2)

![Text

Description automatically generated]()

Take dp array:

A picture containing text

Description automatically generated

Here dp at index shows:

0->min steps to reach 0 th index

1->min steps to reach 1 th index

2->min steps to reach 2 th index

3->min steps to reach 3 th index

4->min steps to reach 4 th index

5->min steps to reach 5 th index

At index 0 value always will be 0.

Optimized solution: