**Problem 6: Required Boxes for Ladoos**

**Problem Statement-**  
During a religious ceremony, each pujari (priest) is offered ladoos in increasing order. The 1st pujari receives 1 ladoo, the 2nd pujari receives 2 ladoos, the 3rd gets 3 ladoos, and so on up to the n-th pujari, who receives n ladoos.

Each box can hold **a maximum of 10 ladoos**. You are given the number of pujaris, and you have to determine the **minimum number of boxes** required to pack all the ladoos.

**Example-**  
Input:  
Enter the number of pujaris: 5

Output:  
3

**Explanation-**

* Total ladoos required = 1 + 2 + 3 + 4 + 5 = 15
* Each box holds 10 ladoos
* Required boxes = ceil(15 / 10) = 2 (for 10 ladoos) + 1 (for remaining 5 ladoos) = **3 boxes**

**Constraints:**

* Number of pujaris (n) > 0
* Each box can hold exactly 10 ladoos

**Source Code:**

import java.util.Scanner;

public class RequiredBoxes {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the number of pujaris: ");

        int n = sc.nextInt();

        int count = 0;

        count = n\*(n+1)/2;

        int res = (int) Math.ceil(count / 10.0);

        System.out.println(res);

    }

}

**Complexities:**  
Time Complexity- O(1)  
Space Complexity- O(1)