# Time to loop

## Description:

Jack, an enthusiastic learner, is exploring basic programming concepts. He wants to write a program to calculate the sum of numbers from 1 to 100 using loops. Let's help Jack accomplish this task.

## Task:

Write a program that utilizes a loop to calculate the sum of numbers from 1 to 100 (inclusive) and outputs the total sum.

**Expected:**

**Output:**

The sum of numbers from 1 to 100 is: 5050

## Challenge:

Jack realizes that there's more than one way to solve this problem. He wonders if there's an alternative method to compute this sum without using a loop. Modify the program to calculate the sum of numbers from 1 to 100 without using a loop and compare the results.

**Expected:**

**Output:**

The sum of numbers from 1 to 100 (without a loop) is: 5050