Problem 2651: Calculate Delayed Arrival Time

Problem Information

Difficulty: Easy
Acceptance Rate: 75.84%
Paid Only: No
Tags: Math

Problem Description

You are given a positive integer `arrivalTime` denoting the arrival time of a train in hours, and another positive integer `delayedTime` denoting the amount of delay in hours.

Return _the time when the train will arrive at the station._

Note that the time in this problem is in 24-hours format.

Example 1:

Input: arrivalTime = 15, delayedTime = 5 **Output:** 20 **Explanation:** Arrival time of the train was 15:00 hours. It is delayed by 5 hours. Now it will reach at 15+5 = 20 (20:00 hours).

Example 2:

Input: arrivalTime = 13, delayedTime = 11 **Output:** 0 **Explanation:** Arrival time of the train was 13:00 hours. It is delayed by 11 hours. Now it will reach at 13+11=24 (Which is denoted by 00:00 in 24 hours format so return 0).

Constraints:

* `1 <= arrivaltime < 24` * `1 <= delayedTime <= 24`

Code Snippets

C++:

```
class Solution {
public:
int findDelayedArrivalTime(int arrivalTime, int delayedTime) {

}
};
```

Java:

```
class Solution {
public int findDelayedArrivalTime(int arrivalTime, int delayedTime) {

}
}
```

Python3:

```
class Solution:
def findDelayedArrivalTime(self, arrivalTime: int, delayedTime: int) -> int:
```