

# Ramadan Prompting

## Nights

Scenario-based prompting competition. 30 nights. 30 real-world coding scenarios.

The screenshot shows a dark-themed user interface for a coding challenge. At the top, there are three circular buttons labeled "Day 3" (yellow), "Easy" (green), and "Weighted scoring" (purple). Below these is the title "Tasbih Counter Summary". Under the title, the word "Scenario:" is followed by a detailed description: "Scenario (Frontend JS): Write `tasbihSessionStats` that returns `{total, remaining}` for a target and current count, never below zero remaining." Below the scenario, the word "Example Output:" is followed by a code snippet: "tasbihSessionStats(100,45) -> {total:100,remaining:55}".

### **PROMPT:**

**Goal:** Write a JavaScript function `tasbihSessionStats(target, current)` that returns an object with total as the target count and remaining as the difference between target and current count. Ensure that remaining is never negative.

### **Constraints:**

1. Target and current are integers  $\geq 0$ .
2. remaining must be  $\geq 0$  even if exceeds target.
3. The function should always return an object with exactly two properties: total and remaining.

### **Edge Cases:**

1. Current is 0  $\rightarrow$  remaining equals target.
2. current equals target  $\rightarrow$  remaining is 0.
3. current exceeds target  $\rightarrow$  remaining is 0.
4. target is 0  $\rightarrow$  remaining is 0 regardless of currents.

### **Output Format:**

Return an object:

```
{  
  total: <target>  
  remaining: <target - current, never below 0>  
}
```

### **Example:**

```
tasbihSessionStats(100, 45) // {total: 100, remaining: 55}  
tasbihSessionStats(50, 70) // {total: 50, remaining: 0}  
tasbihSessionStats(0,10) // {total: 0, remaining: 0}  
300, 600, 900, 1100]) // returns 0
```