

LeetCode # 2535

↳ Day-11

Difference b/w element Sum and Digit Sum
of an Array

Example :

Array = [1, 15, 6, 3]

then element Sum $\Rightarrow 1 + 15 + 6 + 3$
 $\Rightarrow 25$

digit Sum $\Rightarrow 1 + 1 + 5 + 6 + 3$
 $\Rightarrow 16$

Absolute difference $\Rightarrow |25 - 16|$
 $\Rightarrow 9$

Approach

- ① We can iterate through the array once and for every element we can add the element to our elementSum variable.
- ② Now whilst its in a loop, for every element we can have another loop to keep dividing the particular element by '10' to get the digit and add it to the digitSum variable.
- ③ At the end, return the absolute diff b/w the two.