

Assignment 19

Question

write logical steps, pseudo code and draw flowchart for
Finding the missing from the given array : 5, 9, 1, 3, 6, 7, 8, 10, 4

* Algorithm

Create an array of given elements
sum of all elements = S
sum of first 10 natural numbers = N
 $N - S = \text{Missing number}$

Pseudo code

Array = {5, 9, 1, 3, 6, 7, 8, 10, 4}
 $S = 5 + 9 + 1 + 3 + 6 + 7 + 8 + 10 + 4$
 $N = 10(10 + 1) / 2$
 $N - S = 2$

Flowchart

