Sample Input Output

N Value = 4

Array A = [1, 3, 5, 7, 9]

Array B = [2, 4, 6, 8, 10]

Only look at first 4 Values

Array A = [1, 3, 5, 7]

Array B = [2, 4, 6, 8 ]

Find Mid value by taking N/2 = 4/2 = 2

Compare A[2] and B[2]

A[M] = 3, B[M] = 4

B[M] > A[M]

Array A = [3, 5, 7]

Array B = [2, 4]

A[M] = 5 B[M] = 2

A[M] > B[M]

Array A = [3, 5]

Array B = [4]

Since 3 values left end Loop

Find Median Value

The 4th Greatest Value is 4.