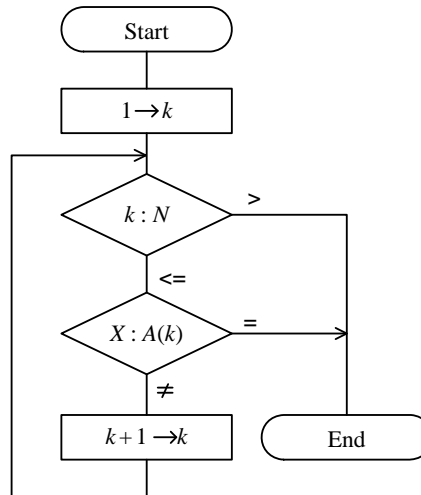


**Q16.** Integers are stored in the 1st to  $N$ -th elements of an array  $A$  ( $N > 1$ ). The flowchart below shows the process to check which element of the array contains the same value as  $X$ . Which of the following correctly describes the execution result of this process?



- a) If the same value as  $X$  exists in two places of the array, the 1st and  $N$ -th elements,  $k$  is set to 1.
- b) If the same value as  $X$  exists in two places of the array, the 1st and  $N$ -th elements,  $k$  is set to  $N$ .
- c) If the same value as  $X$  is not in the array,  $k$  is set to 1.
- d) If the same value as  $X$  is not in the array,  $k$  is set to  $N$ .