Algorithm for question number 4

1. Start
2. Initialize three integers n, sum and m
3. Ask the user for how many numbers in an array
4. Store the value in n and initialize an array of size n
5. Input all the values given in the array
6. Sort the array using Bubble sort algorithm
7. Initialize two for loops for traversing and swapping the values of the array
8. Print the largest number on the screen
9. Now add the digits of the largest number
10. Initialize a variable storing the largest digit number
11. Store m = k modulo 10
12. Store sum = sum + m
13. Update k = k/10
14. Repeat step 11 – 14 until k is greater than zero
15. Print the sum of the digits in the number
16. Stop