

VILNIUS GEDIMINAS TECHNICAL UNIVERSITY

FACULTY OF FUNDAMENTAL SCIENCES

DEPARTMENT OF INFORMATION SYSTEMS

**ALGORITHMS AND DATA STRUCTURES**

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# The Code for the flowchart function

Firstly, the function checks if the array is empty. If it is, it leads to another function that adds an element to an empty array. Otherwise, it goes on and finds the length of the array. From the length, it determines the middle index—finally, the for loop to get to the middle index and insert the element.





# The Flowchart for Insert Middle Function