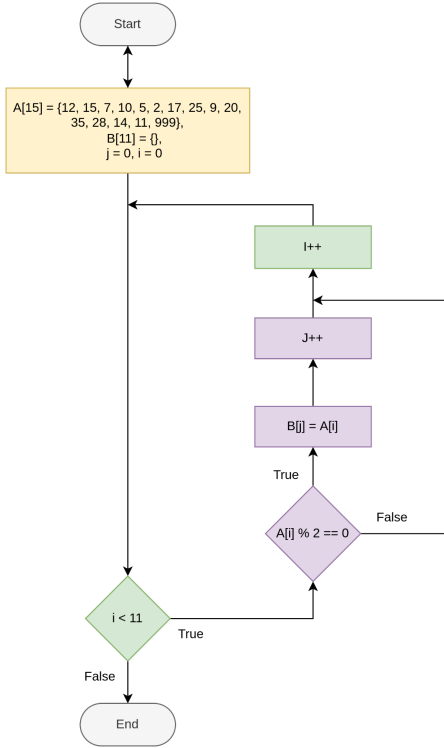
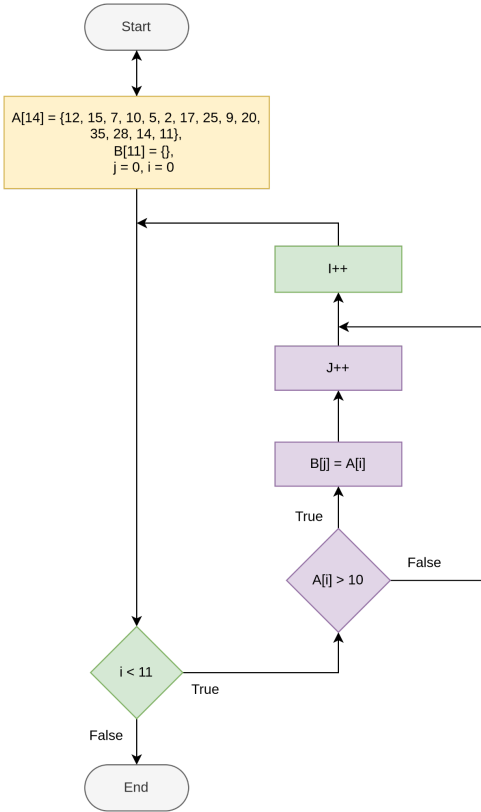
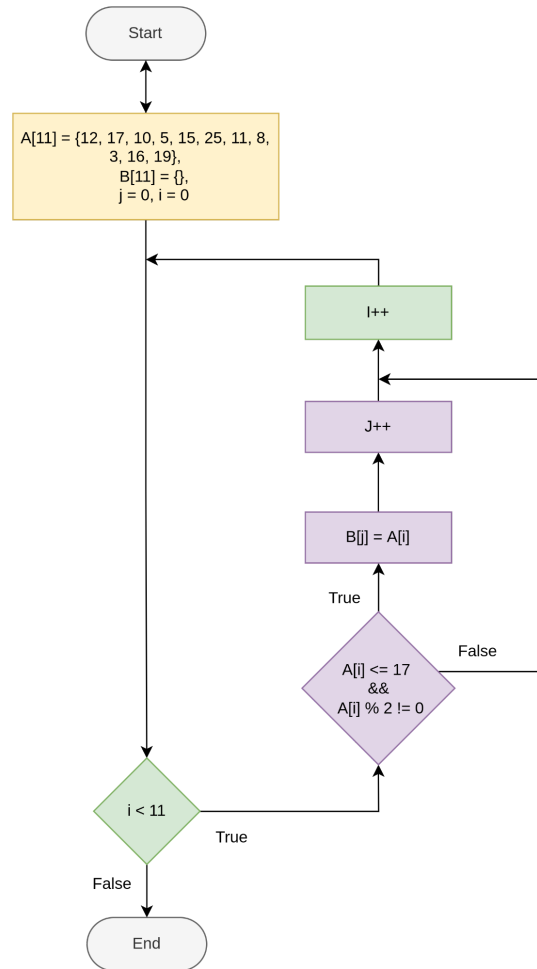
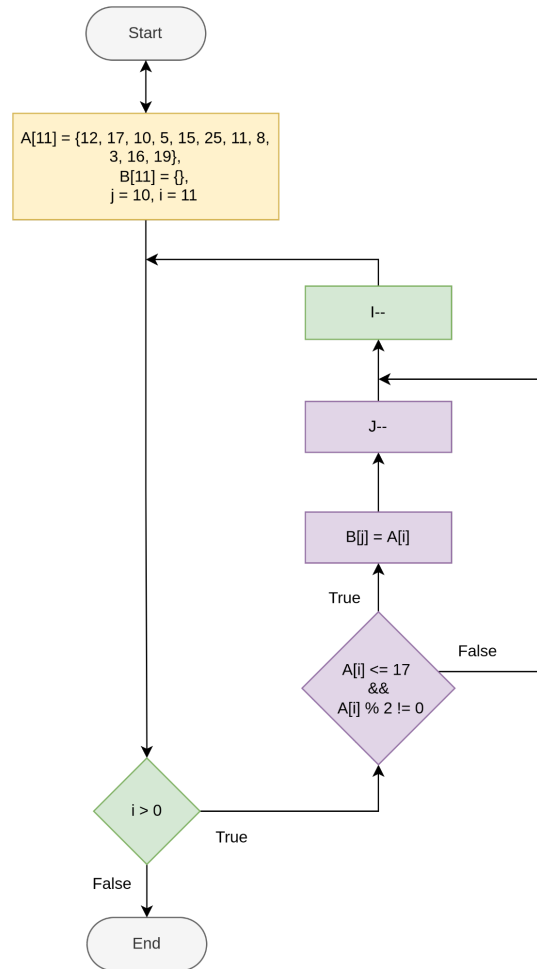


No	Jawaban
1.A	 <pre> graph TD Start([Start]) --> Init[A[15] = {12, 15, 7, 10, 5, 2, 17, 25, 9, 20, 35, 28, 14, 11, 999}, B[11] = {}, j = 0, i = 0] Init --> Cond1{i < 11} Cond1 -- True --> Cond2{A[i] % 2 == 0} Cond2 -- True --> Assign[B[j] = A[i]] Assign --> IncJ[j++] IncJ --> IncI[i++] IncI --> Cond1 Cond2 -- False --> IncI Cond1 -- False --> End([End]) </pre> <p>Flowchart for 1.A: The process starts at 'Start', leading to an initialization block where $A[15] = \{12, 15, 7, 10, 5, 2, 17, 25, 9, 20, 35, 28, 14, 11, 999\}$, $B[11] = \{\}$, $j = 0$, and $i = 0$. A decision diamond checks $i < 11$. If True, it enters a loop where a decision diamond checks $A[i] \% 2 == 0$. If True, it assigns $B[j] = A[i]$, increments j ($j++$), and increments i ($i++$). If False, it only increments i ($i++$). The loop continues until $i < 11$ is False, then proceeds to 'End'.</p>
1.B	 <pre> graph TD Start([Start]) --> Init[A[14] = {12, 15, 7, 10, 5, 2, 17, 25, 9, 20, 35, 28, 14, 11}, B[11] = {}, j = 0, i = 0] Init --> Cond1{i < 11} Cond1 -- True --> Cond2{A[i] > 10} Cond2 -- True --> Assign[B[j] = A[i]] Assign --> IncJ[j++] IncJ --> IncI[i++] IncI --> Cond1 Cond2 -- False --> IncI Cond1 -- False --> End([End]) </pre> <p>Flowchart for 1.B: The process starts at 'Start', leading to an initialization block where $A[14] = \{12, 15, 7, 10, 5, 2, 17, 25, 9, 20, 35, 28, 14, 11\}$, $B[11] = \{\}$, $j = 0$, and $i = 0$. A decision diamond checks $i < 11$. If True, it enters a loop where a decision diamond checks $A[i] > 10$. If True, it assigns $B[j] = A[i]$, increments j ($j++$), and increments i ($i++$). If False, it only increments i ($i++$). The loop continues until $i < 11$ is False, then proceeds to 'End'.</p>

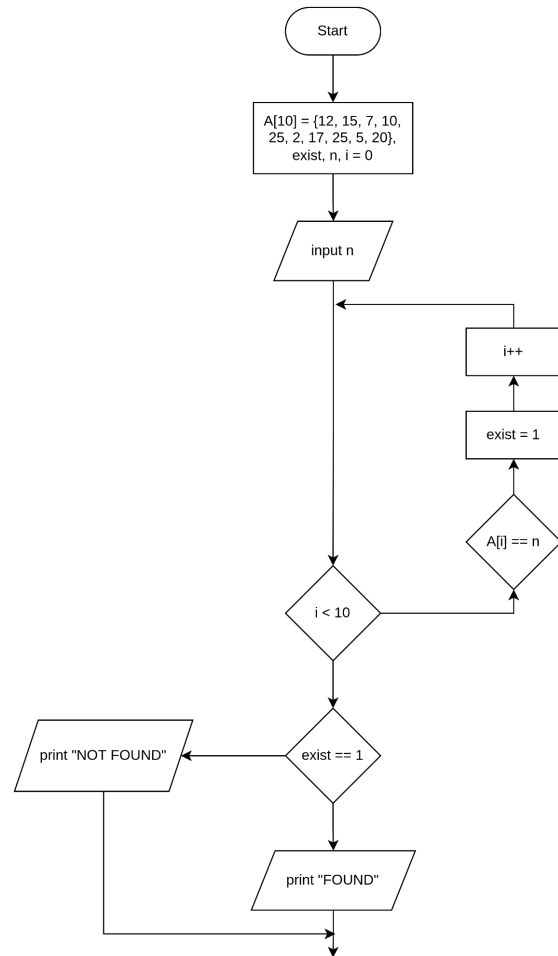
2.A



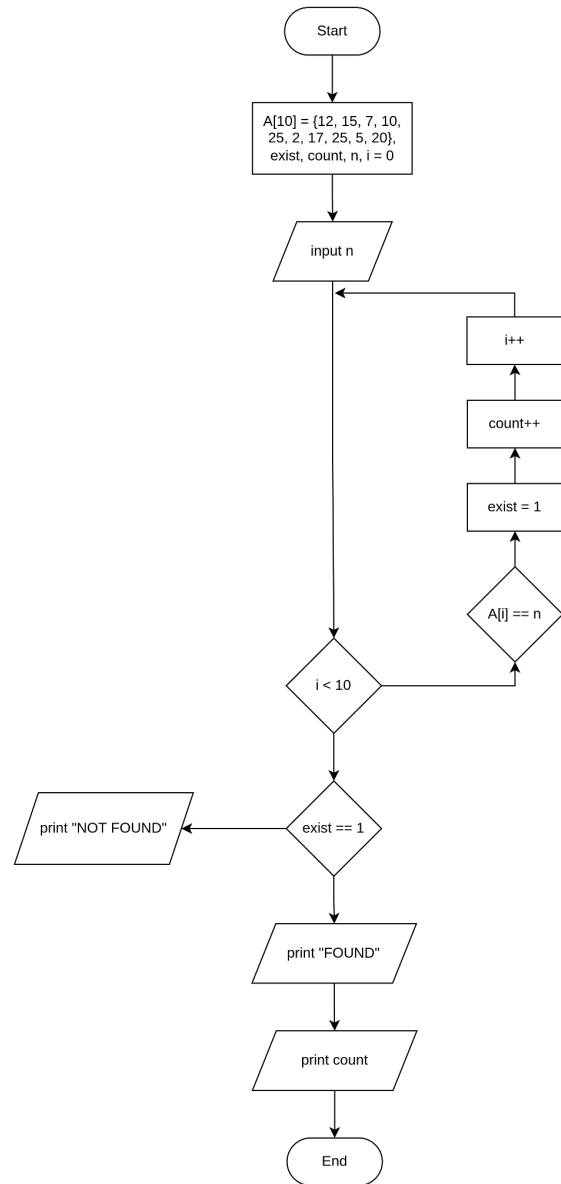
2.B



3.A



3.B



3.C

