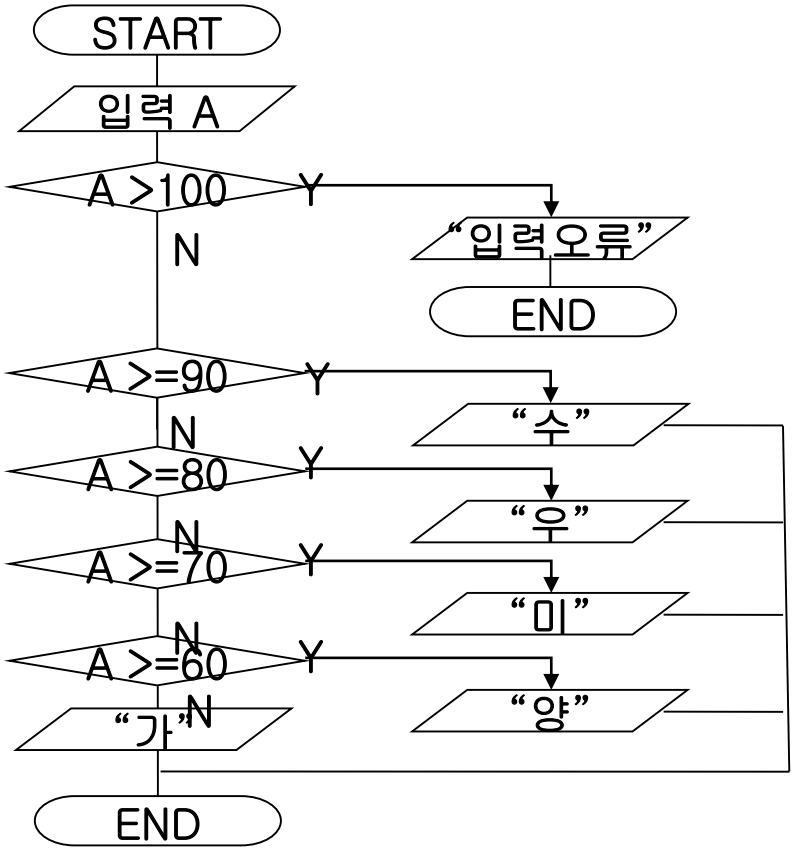
Part _Algorithmus

알고리즘 모음

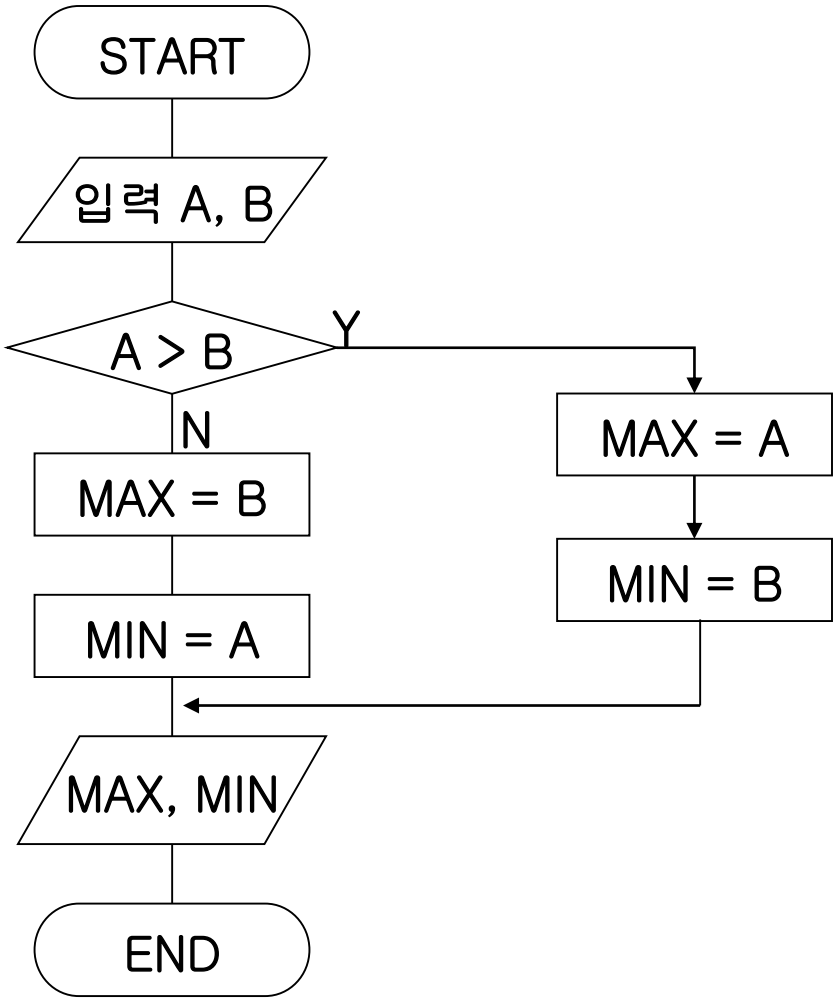
1. 조건문

한개의 정수(2자리이내)를 입력 , 입력된 값이 90이상->"수", 80이상->"우", 70이상->"우", 60이상->"양", 60미만->"가" 을 출력하는 프로그램 작성 단, 입력된 값이 100보다 크면 "입력오류"를 출력하고 프로그램을 종료)



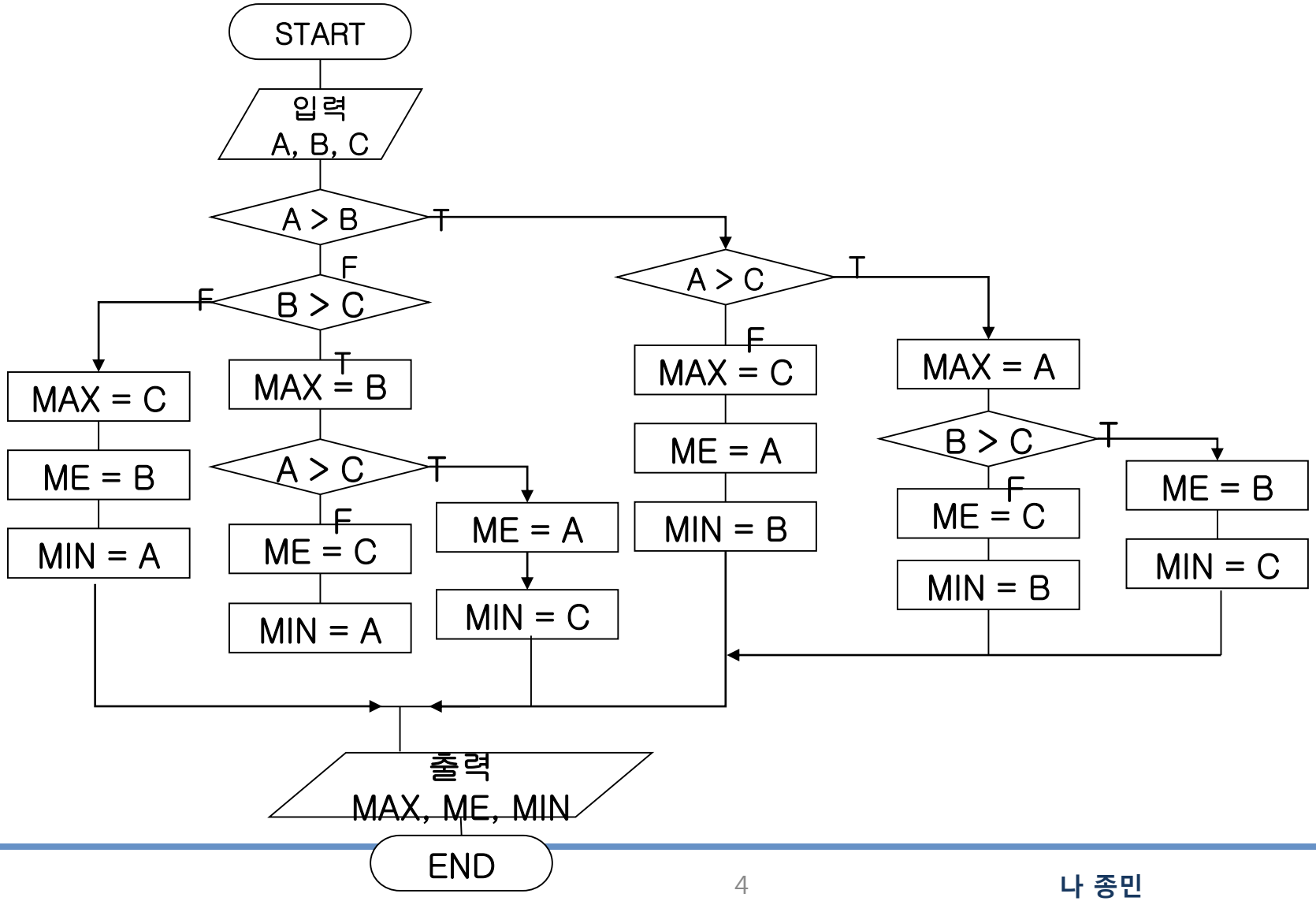
2. 조건문

두개의 정수를 입력 받아 큰값, 작은값 찾아 출력하는 알고리즘(단, 동일한 값은 없다.)



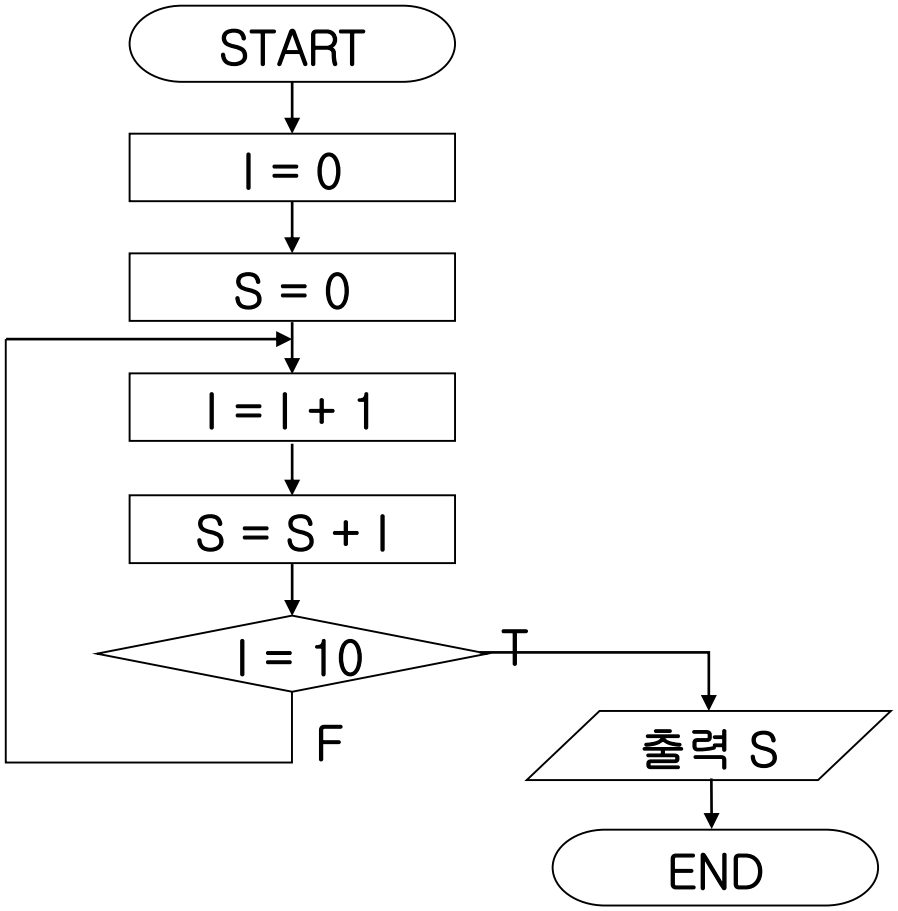
3. 조건문

세개의 정수를 입력 받아 대, 중, 소 찾아 출력하는 알고리즘(단, 동일한 값은 없다.)



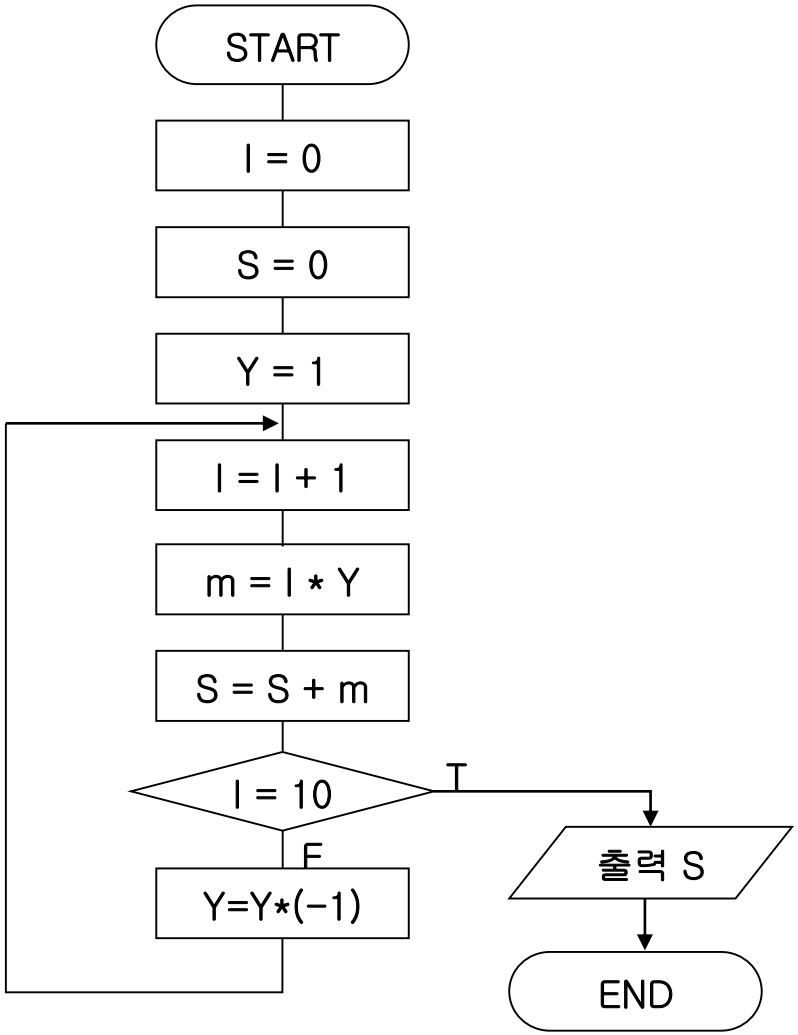
4. 반복, 조건문

1 – 10까지의 합계를 구하는 알고리즘



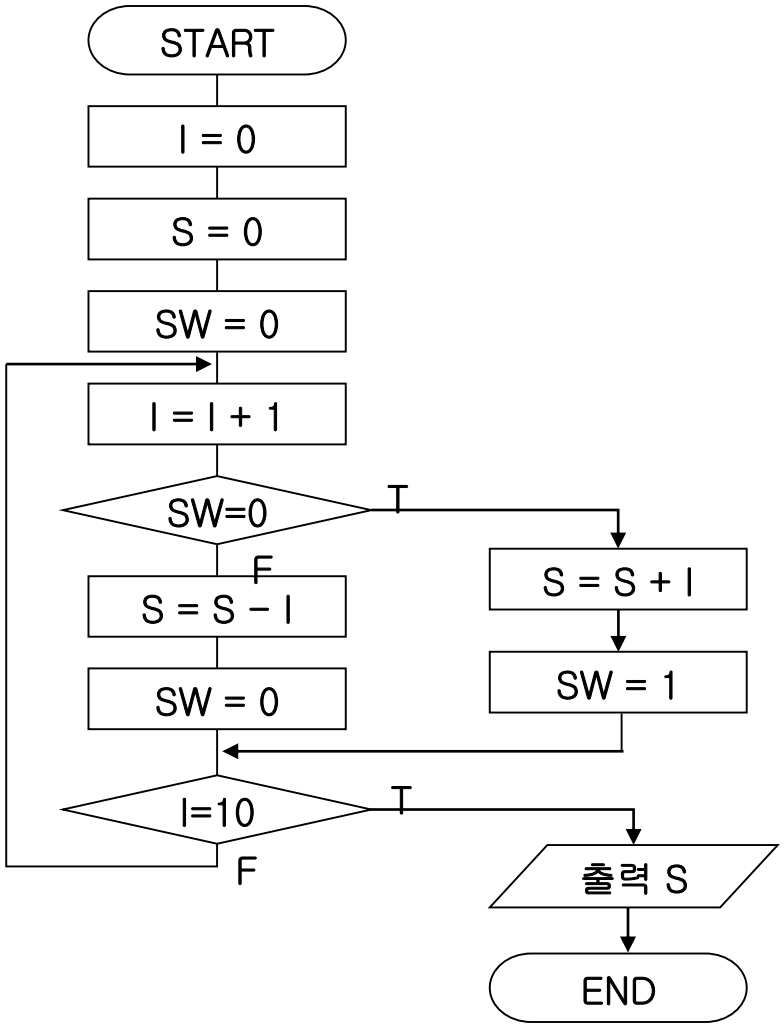
5. 반복, 조건문

S = +1−2+3−4+5−6+...−10 의 합계



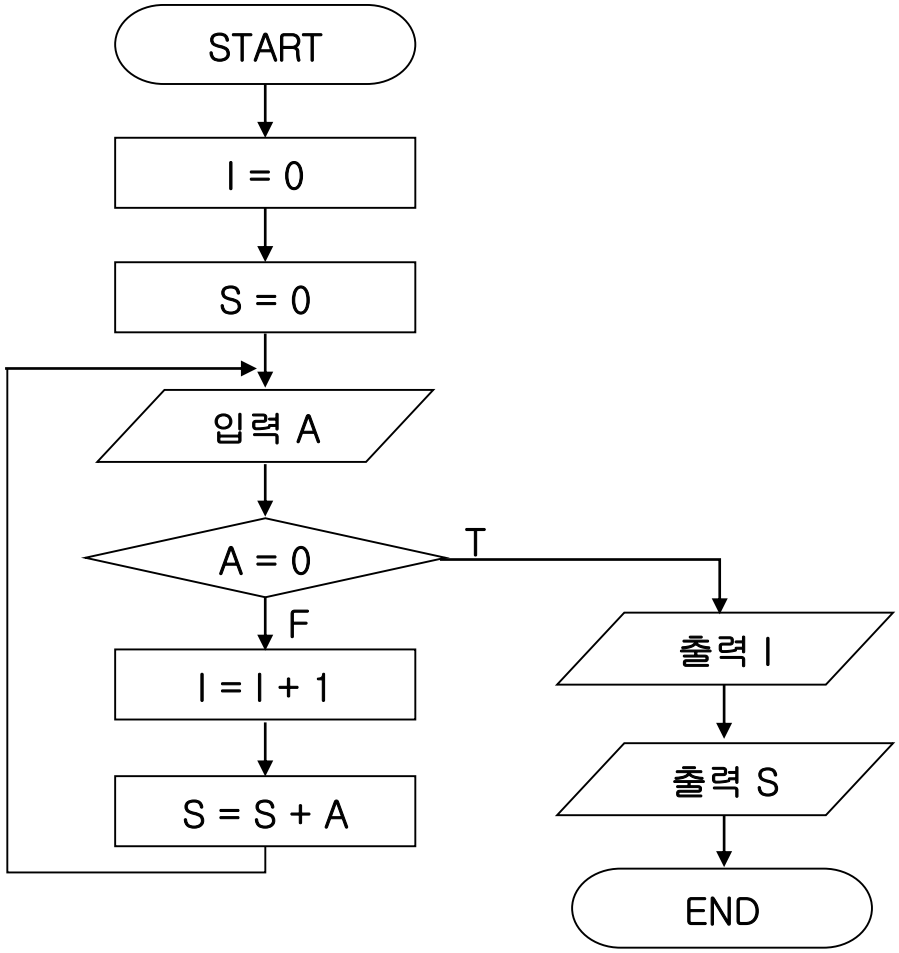
6. 반복, 조건

S = +1−2+3−4+5−6+...−10 의 합계



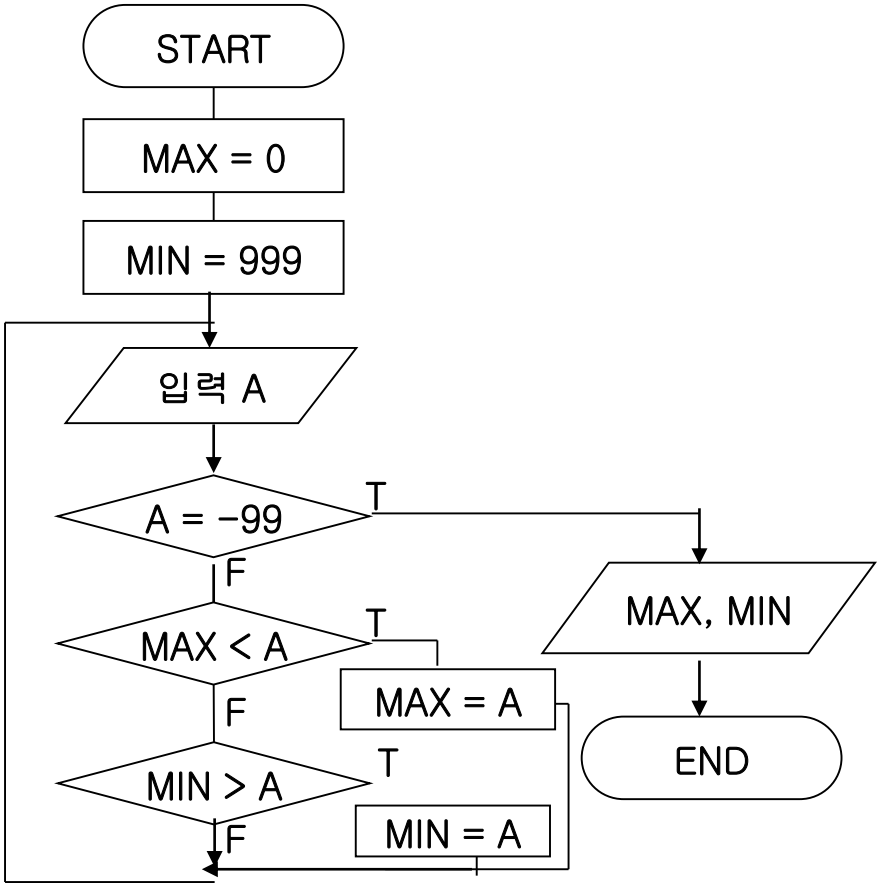
7. 반복, 조건문

임의의 값을 입력 받아 누적건수와 누적 합계 (입력값이 0이면 종료)



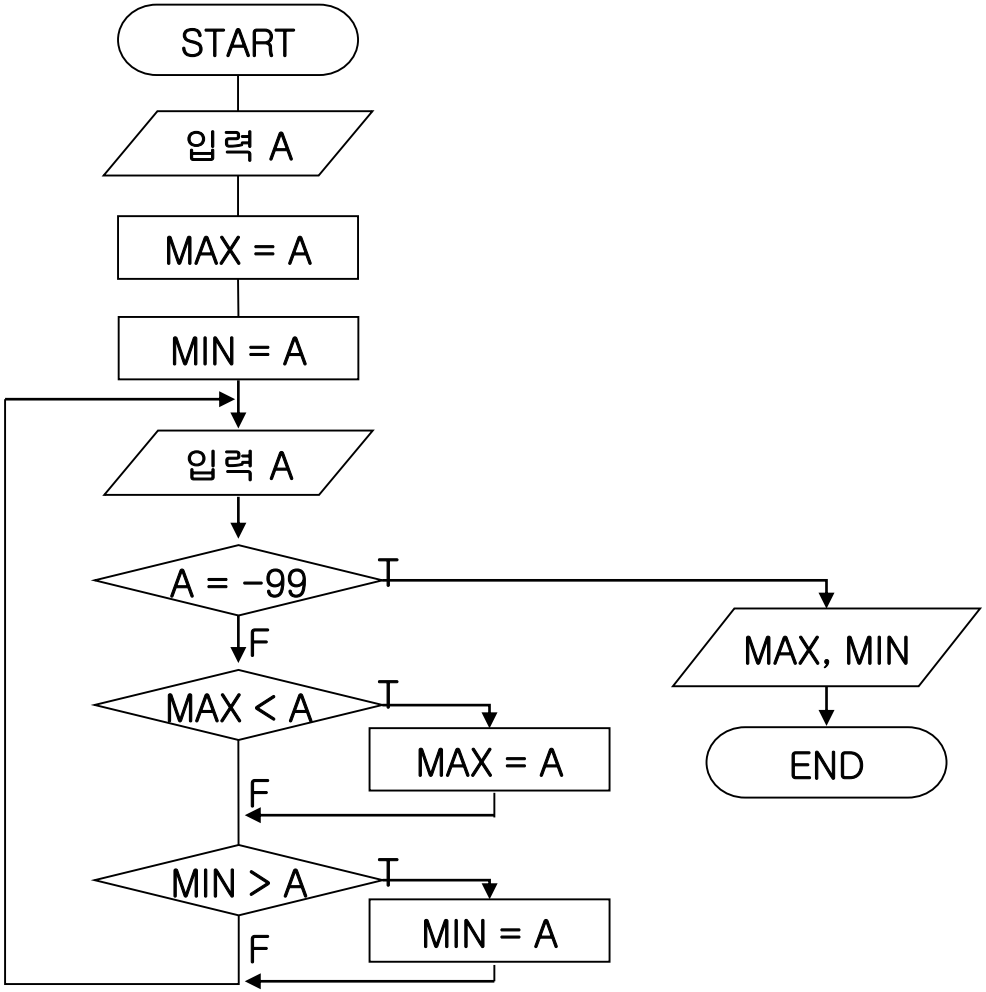
8. 반복, 조건문

최대값, 최소값(입력자료의 끝 -99) 알고리즘



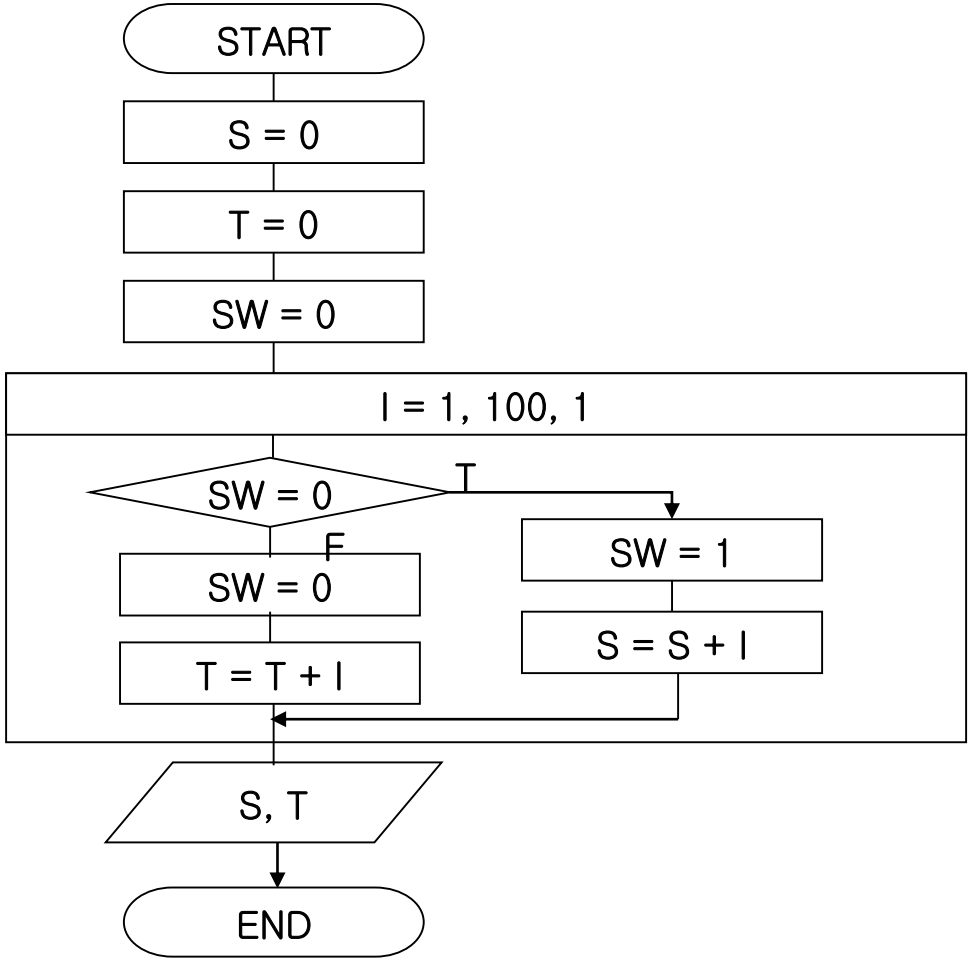
9. 반복, 조건문

최대값, 최소값(입력자료의 끝 -99) 알고리즘



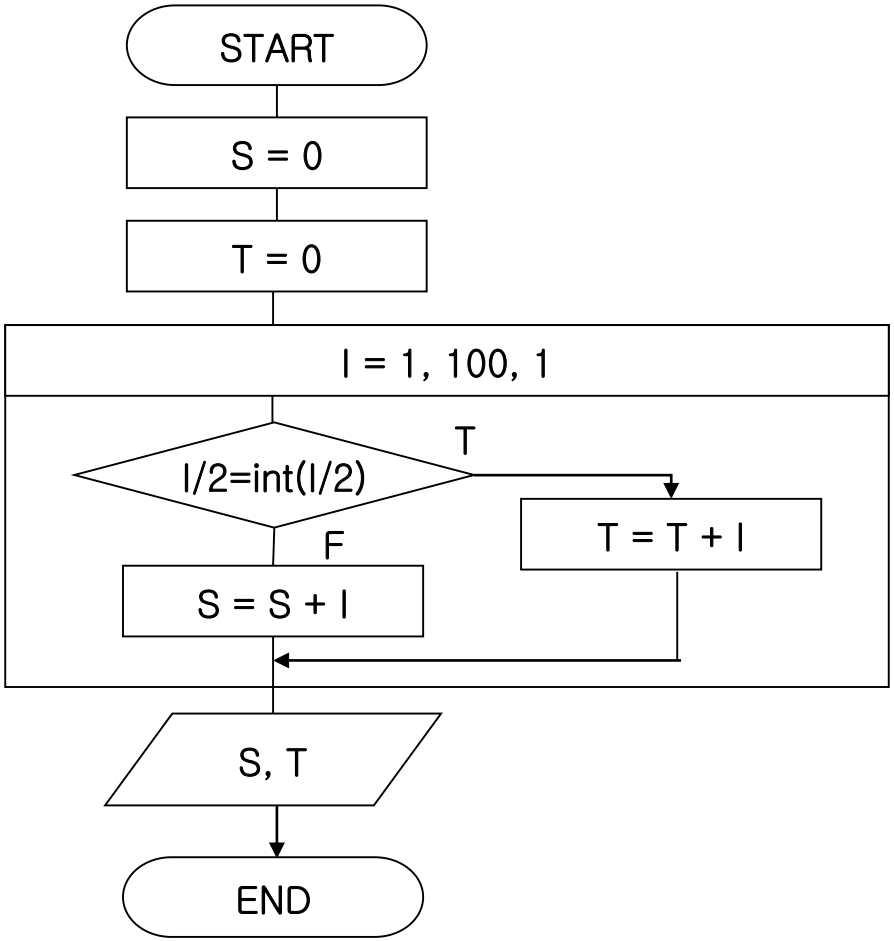
10. 반복, 조건문

반복처리(1~100까지 홀수, 짝수 합 동시에 구하기)



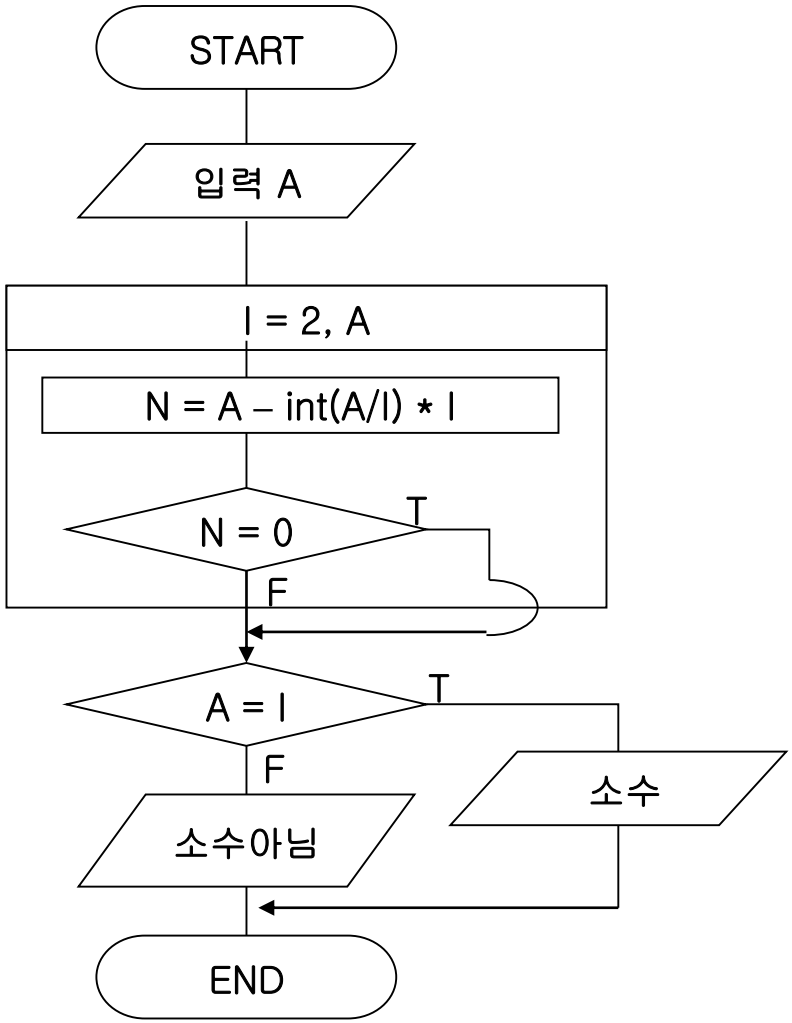
11. 반복, 조건문

반복처리(1~100까지 홀수, 짝수 합 동시에 구하기)



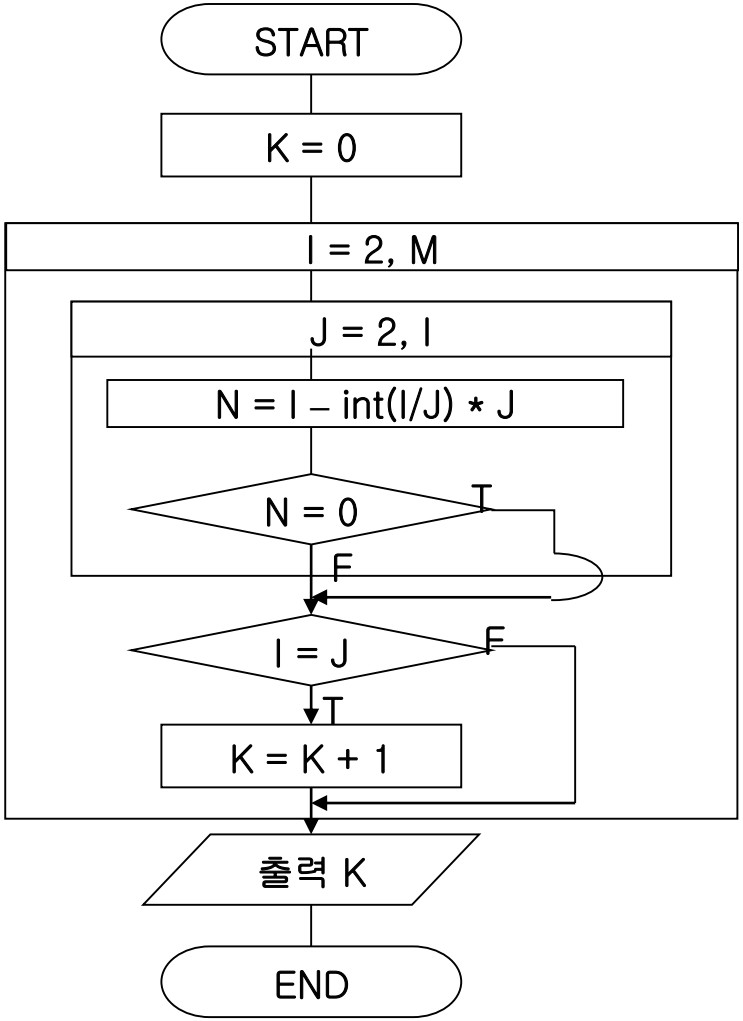
12. 반복, 조건문

하나정수를 입력 – 소수 판별 알고리즘



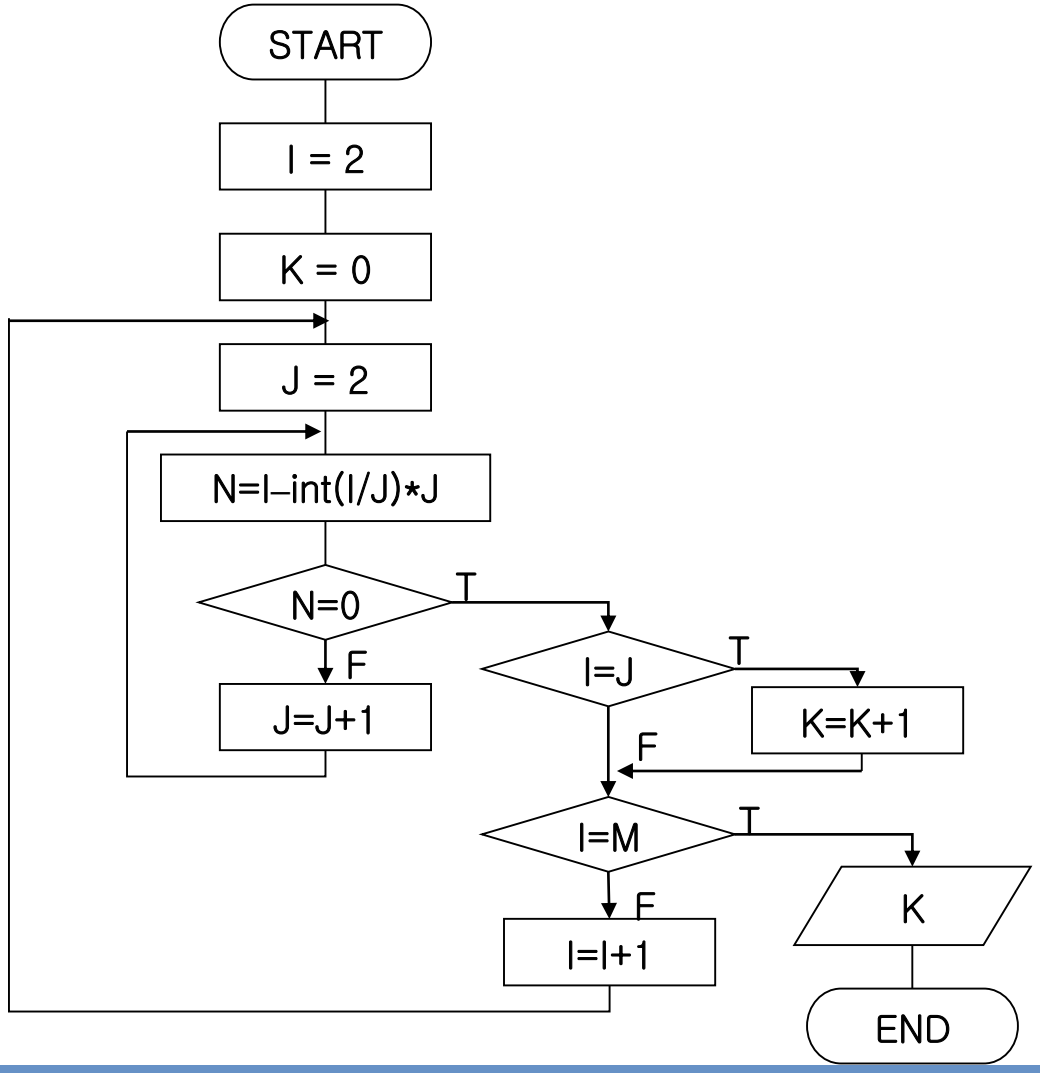
13. 반복, 조건문

2~M까지 정수중에서 소수의 개수를 출력



14. 반복, 조건문

2~M까지 정수중에서 소수의 개수를 출력



15. 다중 반복

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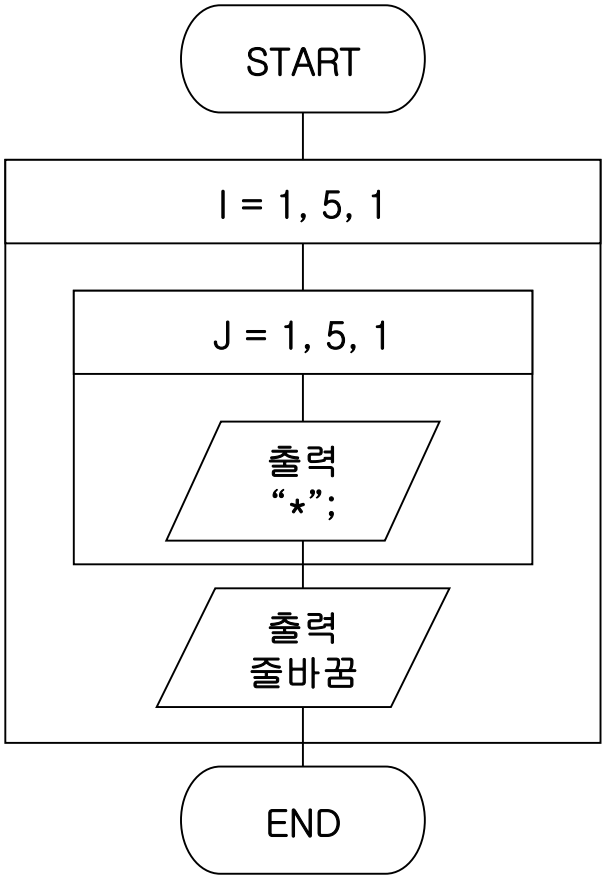

16. 다중 반복

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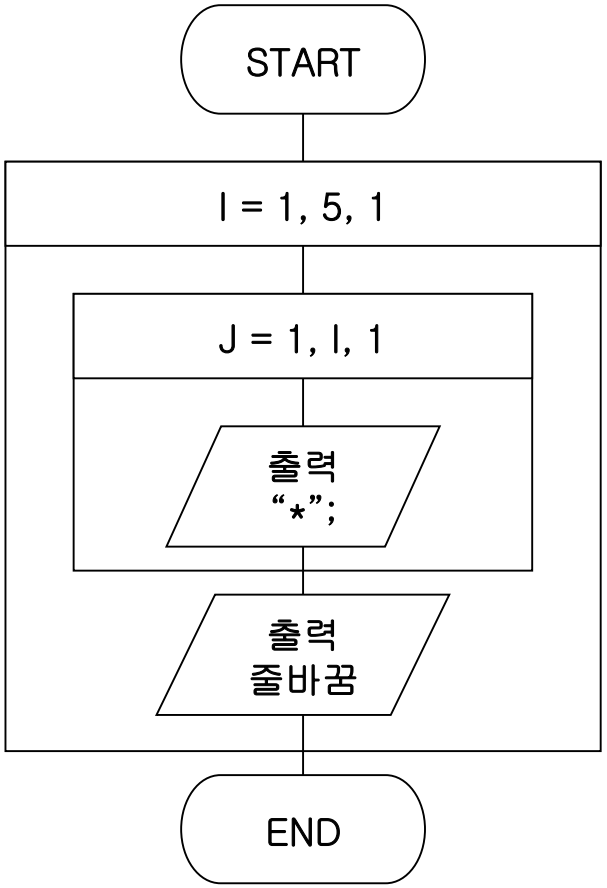

17. 다중 반복

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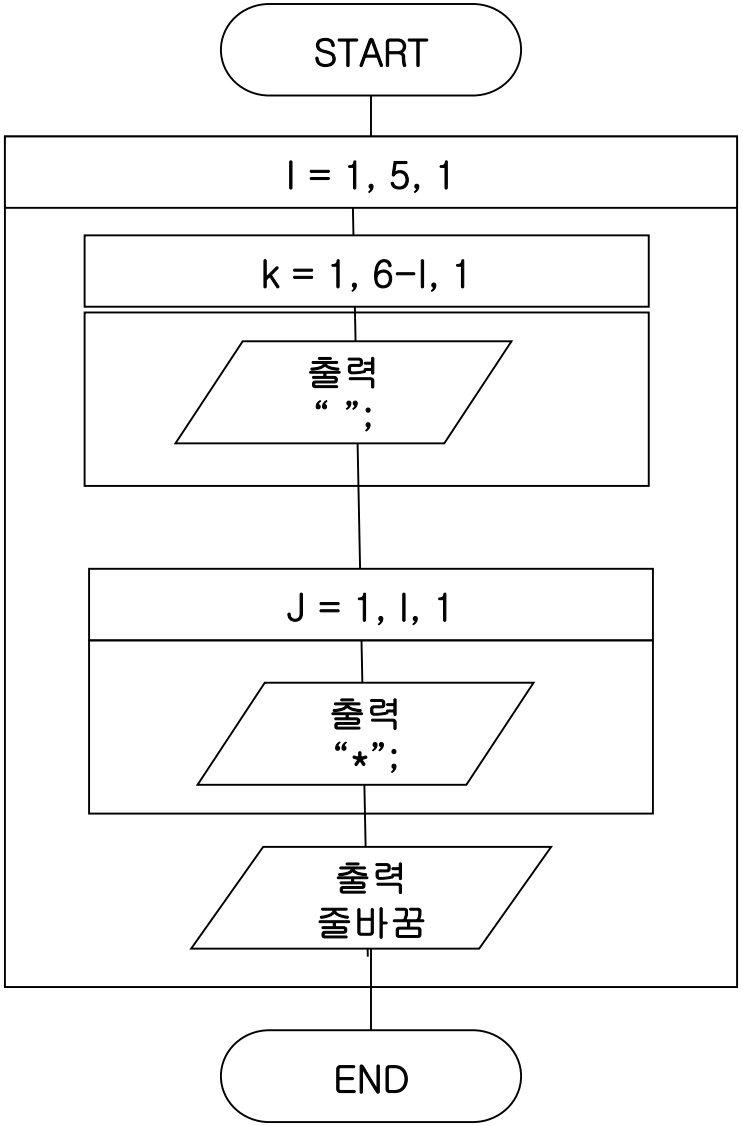

18. 다중 반복

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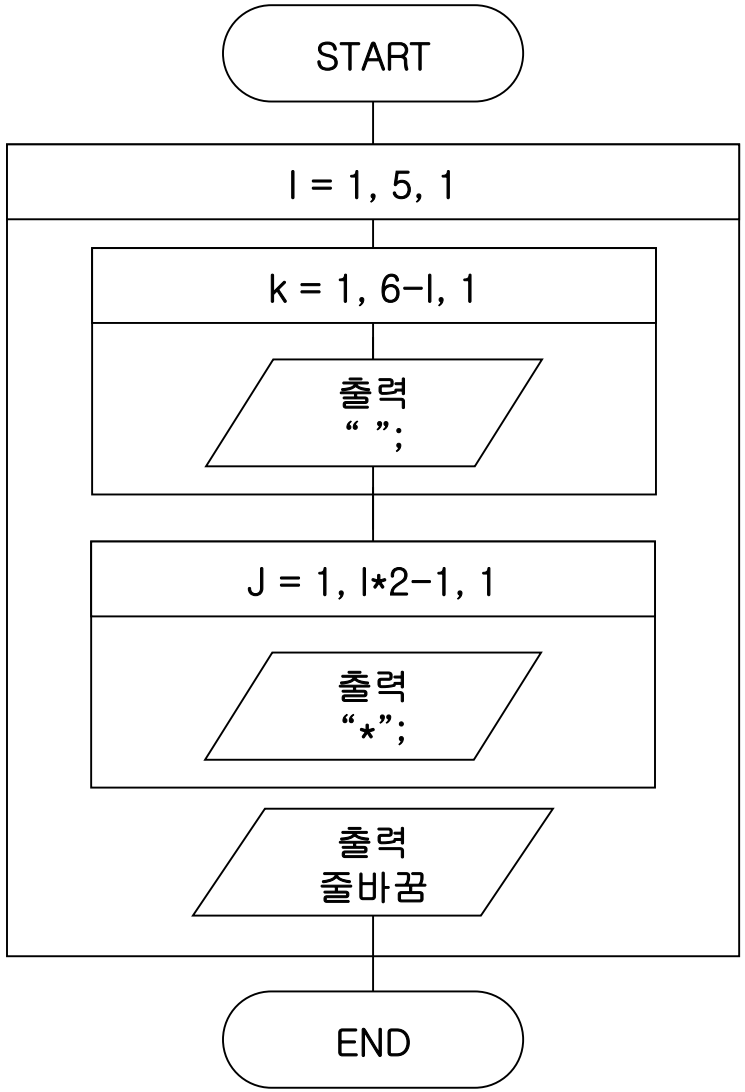

19. 다중 반복

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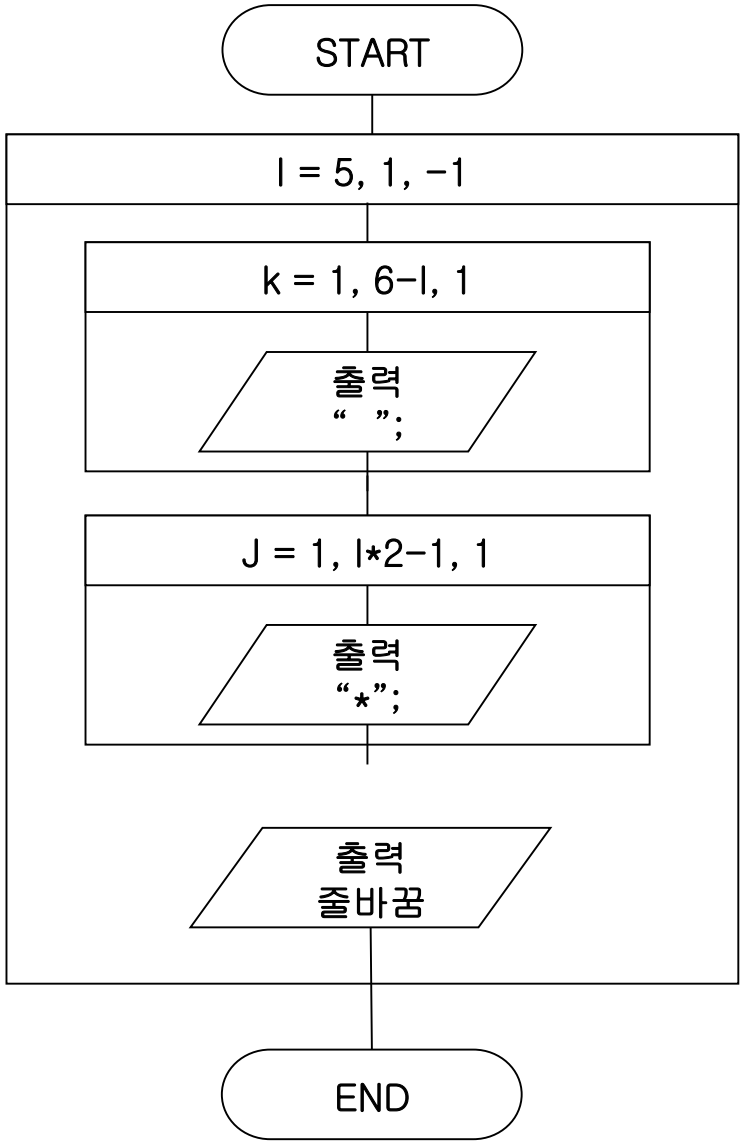

20. 다중 반복

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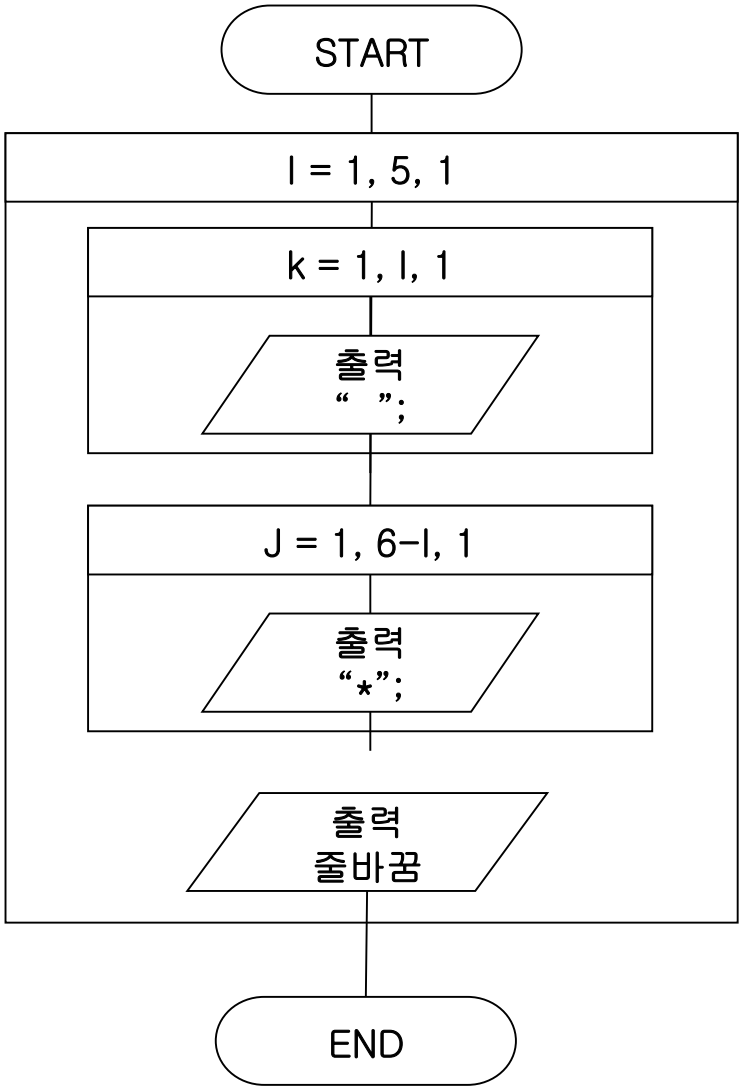
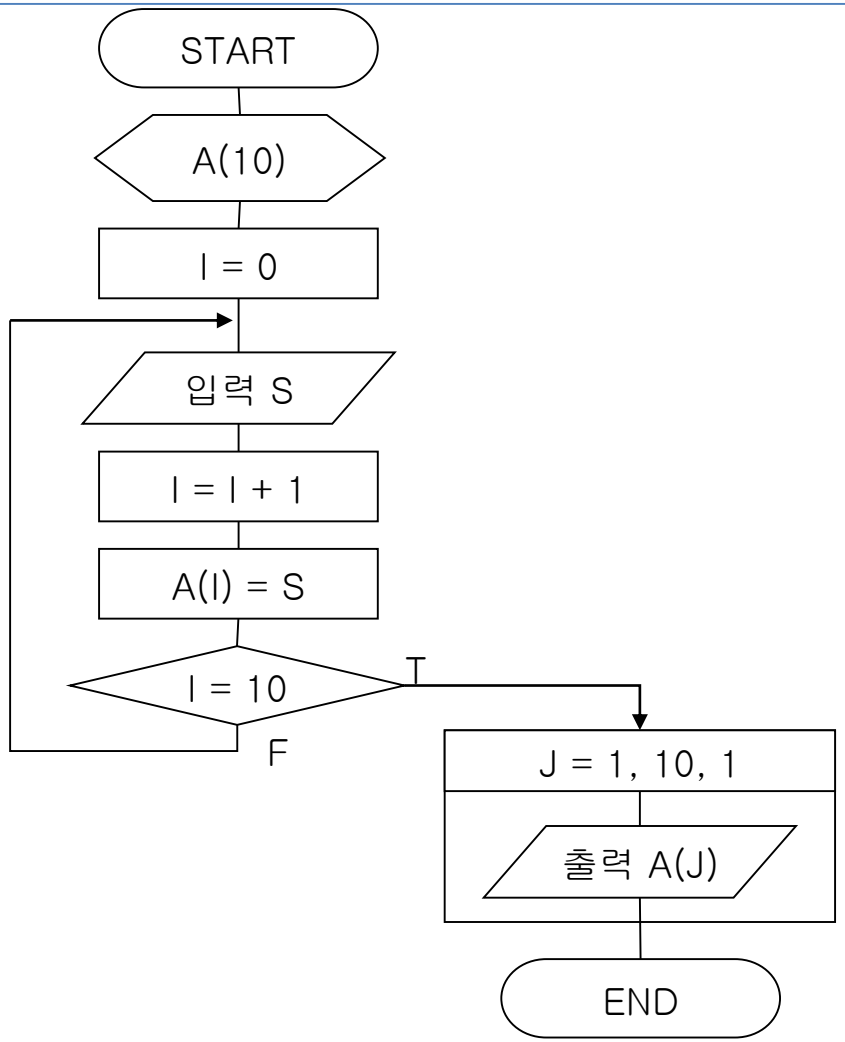


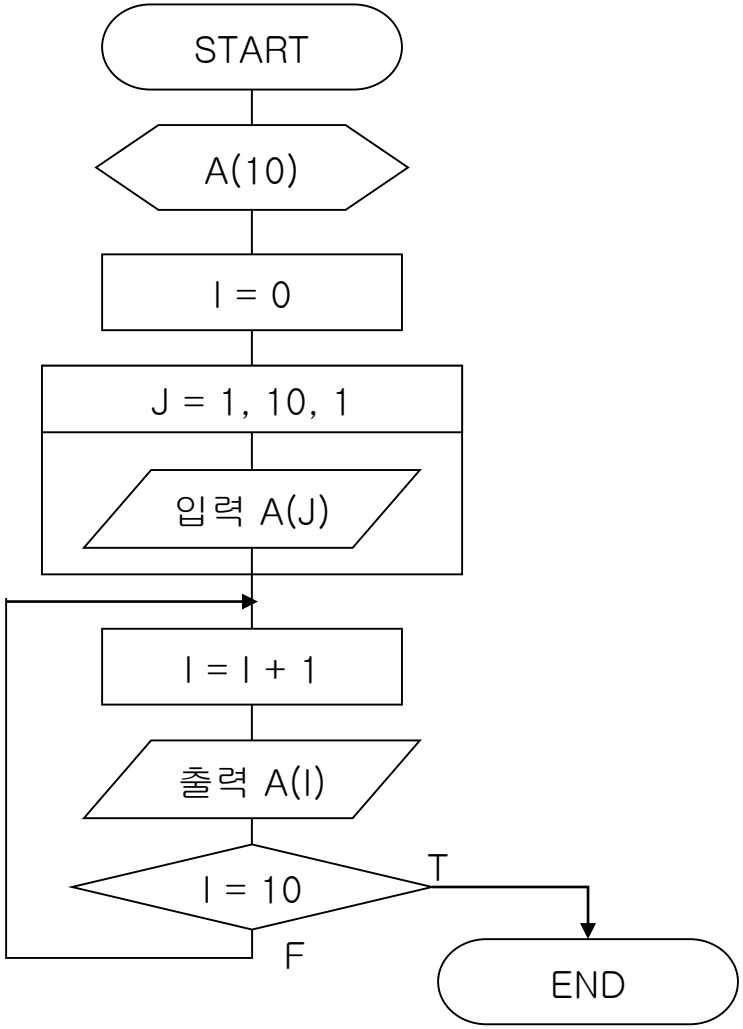
21. 1차원 배열(반복, 조건)

1차원배열에 데이터 입력 후 출력



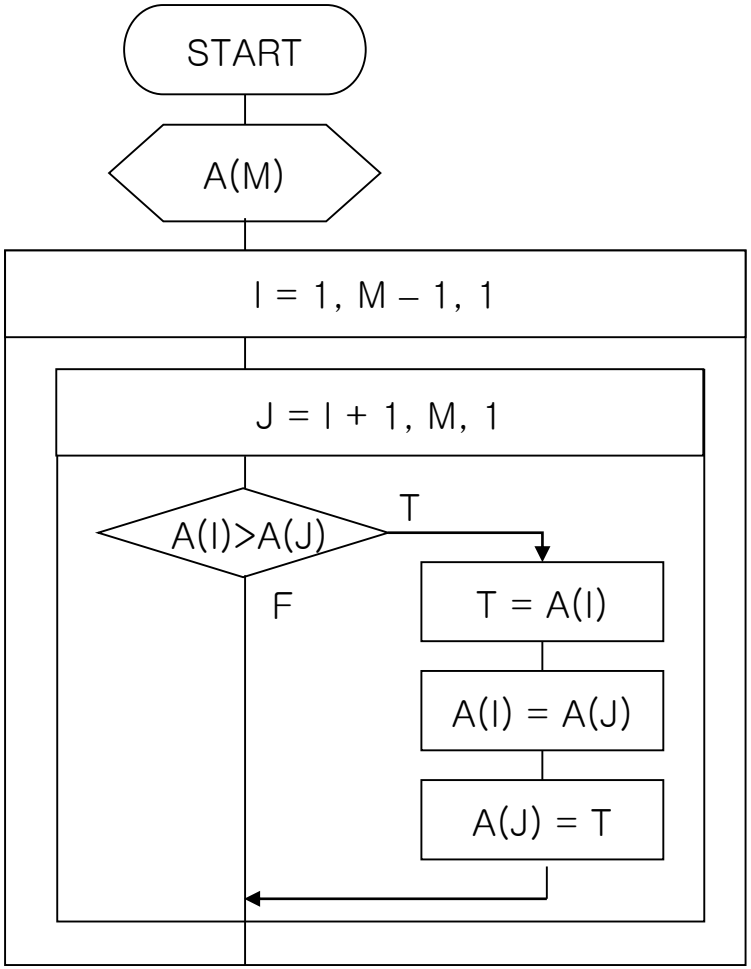
22. 1차원 배열(반복, 조건)

1차원 배열 10개를 선언하여 Data를 입력받아 배열에 저장하기



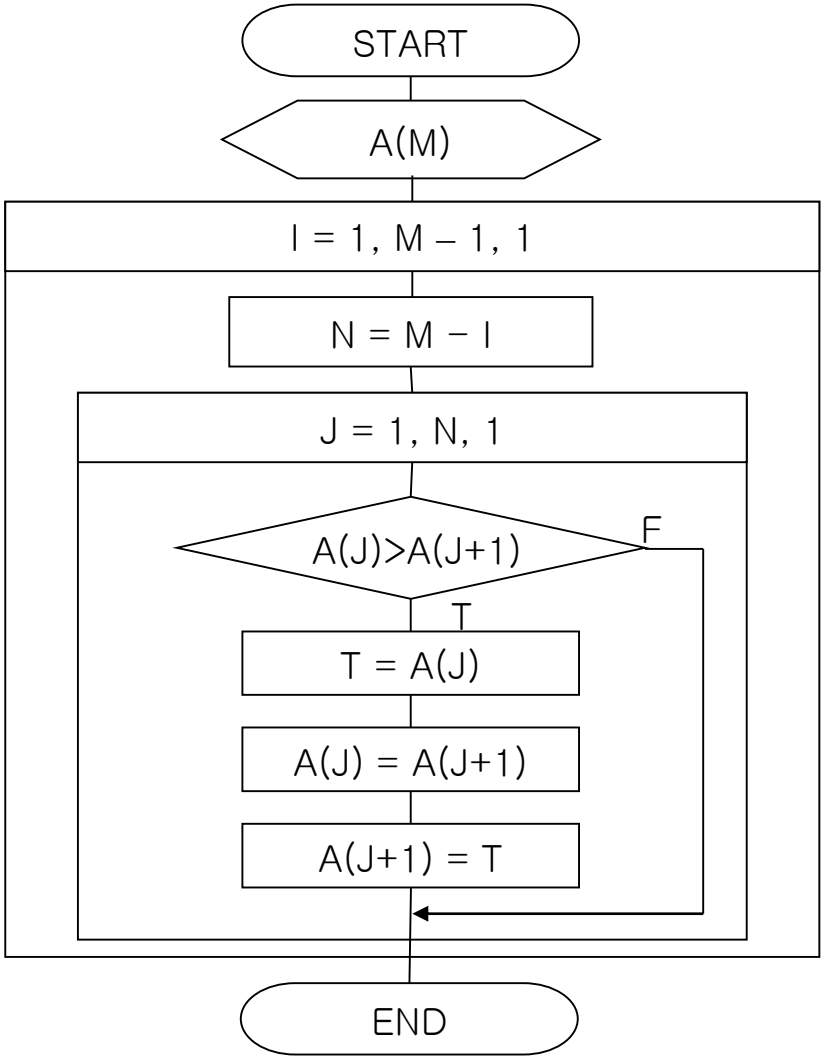
23. 1차원 배열(반복, 조건)

Selection Sort 알고리즘



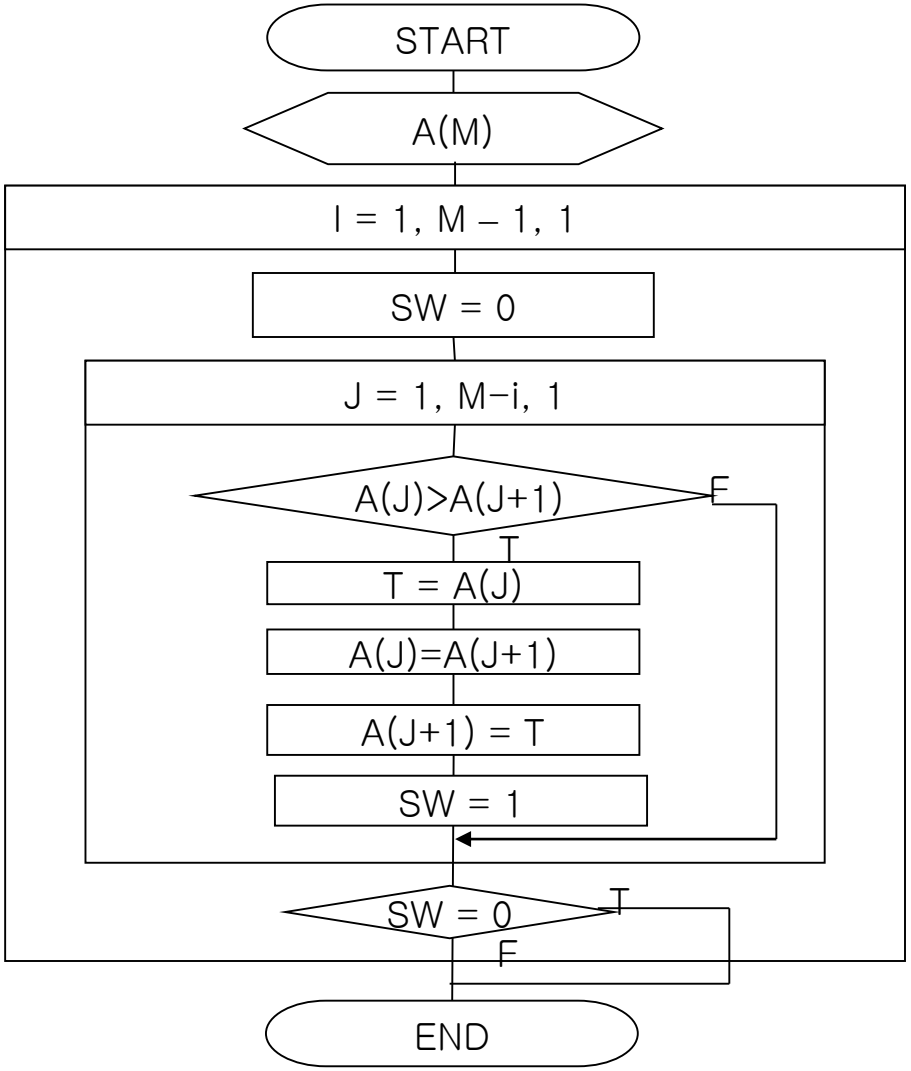
24. 1차원 배열(반복, 조건)

Bubble Sort 알고리즘



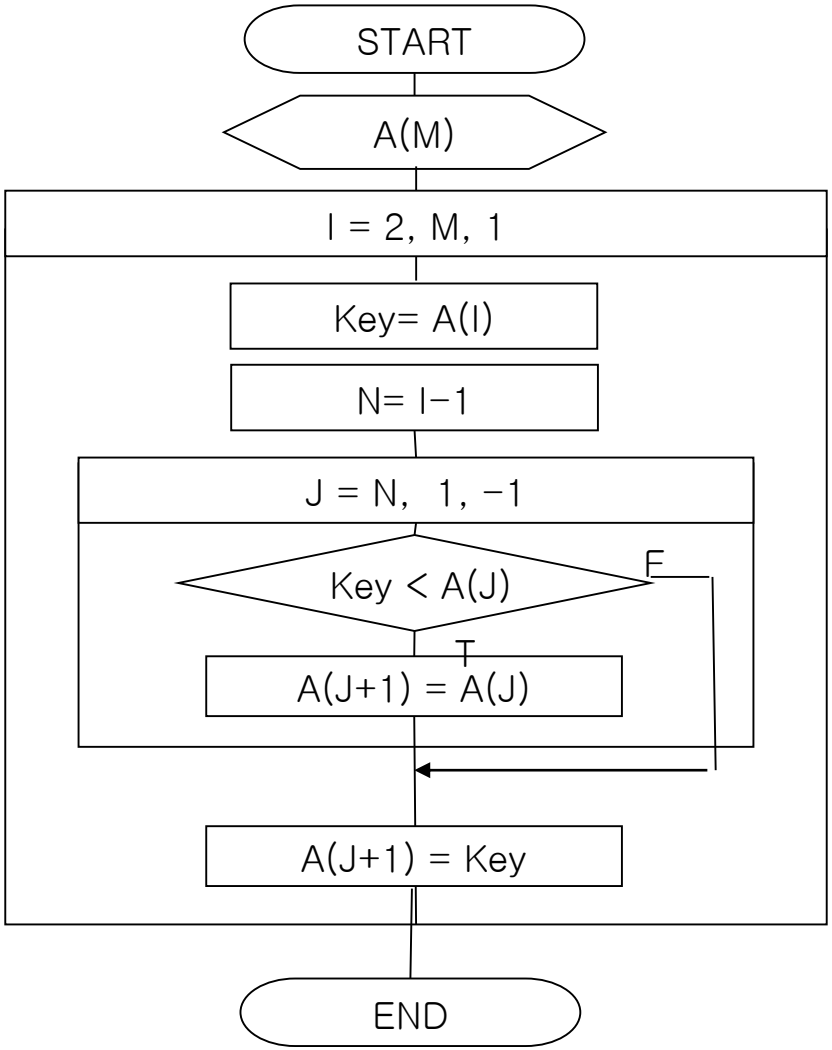
25. 1차원 배열(반복, 조건)

Bubble Sort 알고리즘(중간종료)



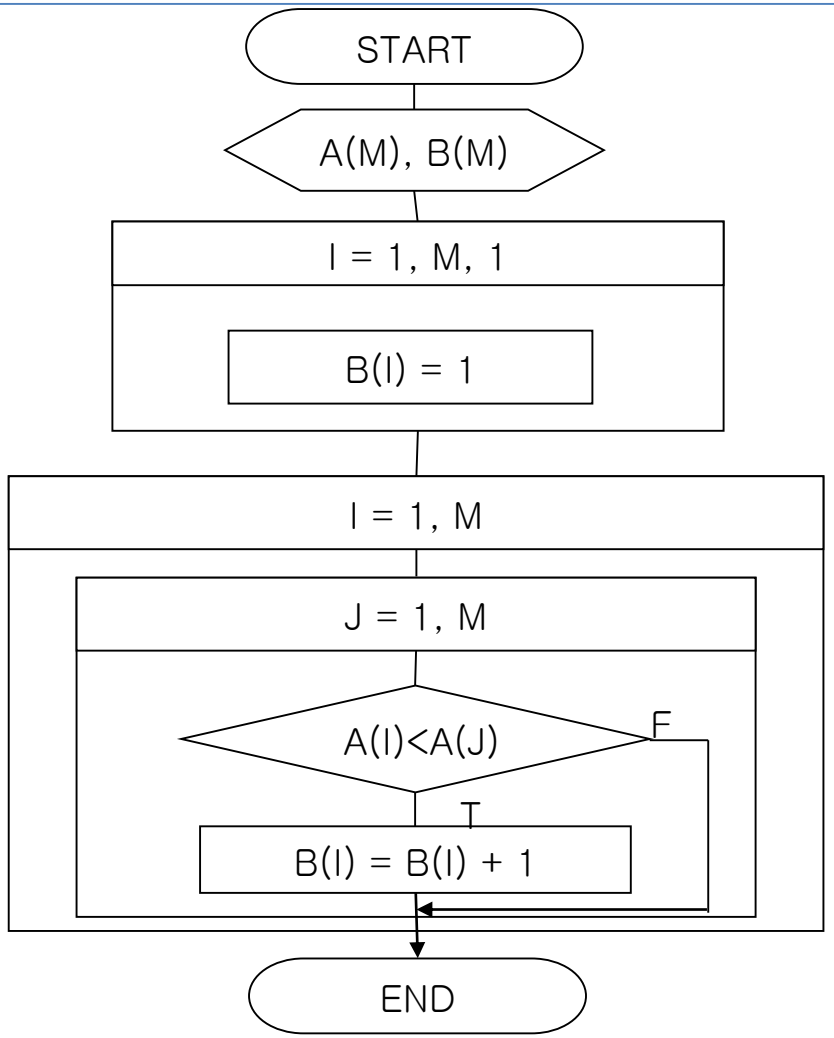
26. 1차원 배열(반복, 조건)

Insertion Sort 알고리즘



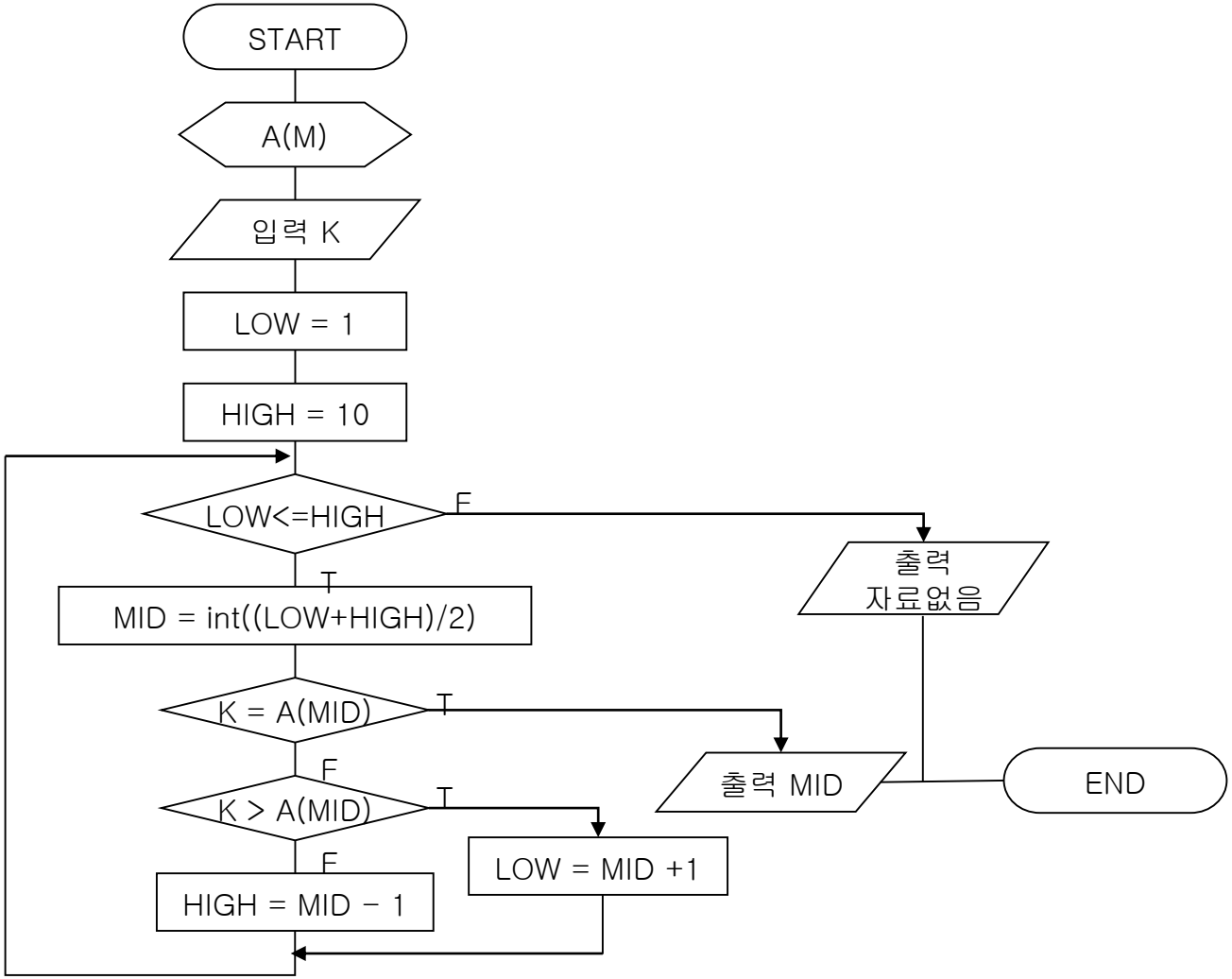
27. 1차원 배열(반복, 조건)

1차원 배열을 이용한 순위(석차)구하기 알고리즘



28. 1차원 배열(반복, 조건)

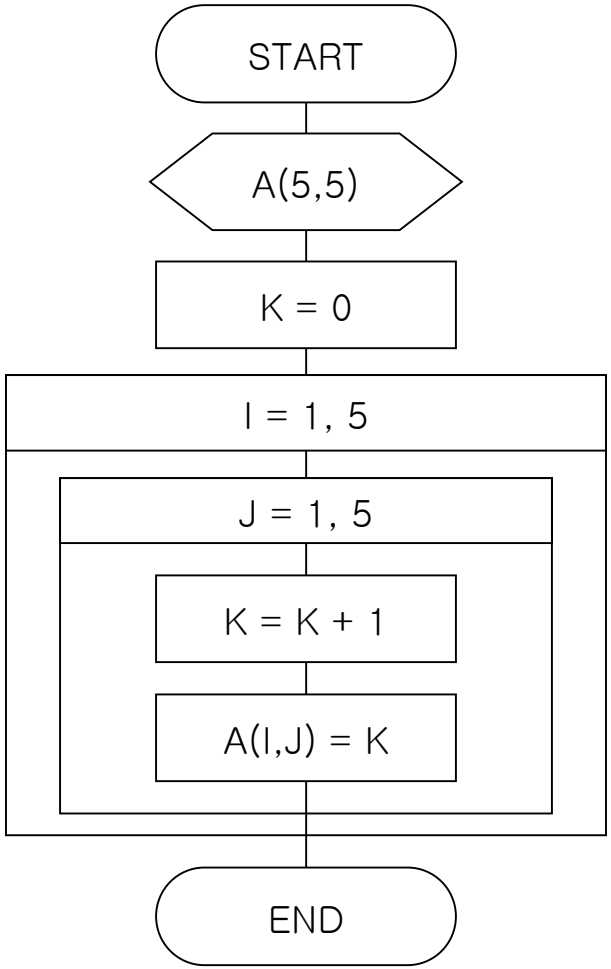
2진검색 알고리즘(정렬되어 있어야 함)



29. 2차원 배열

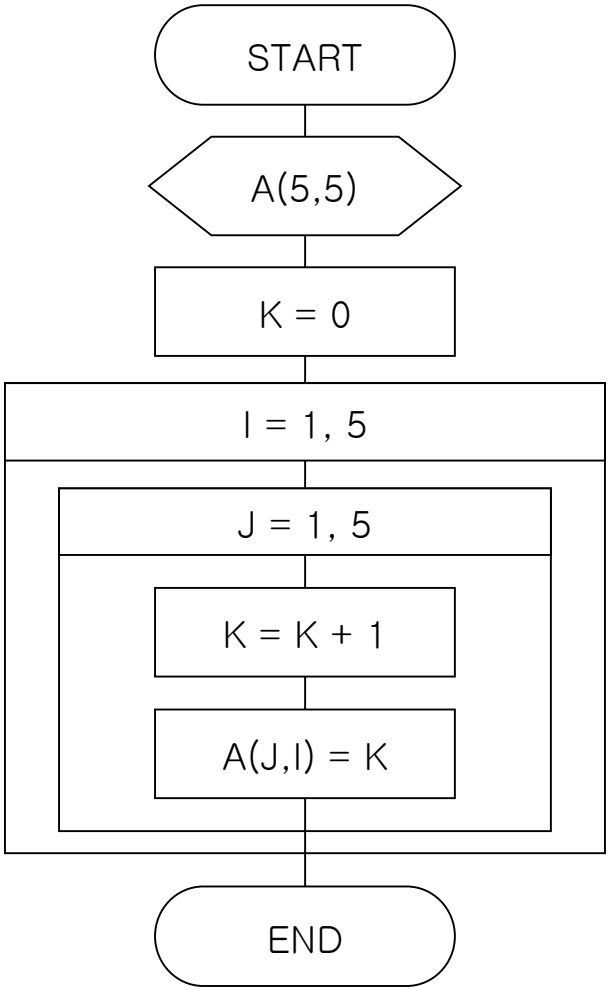
2차원 배열에 Data입력

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25



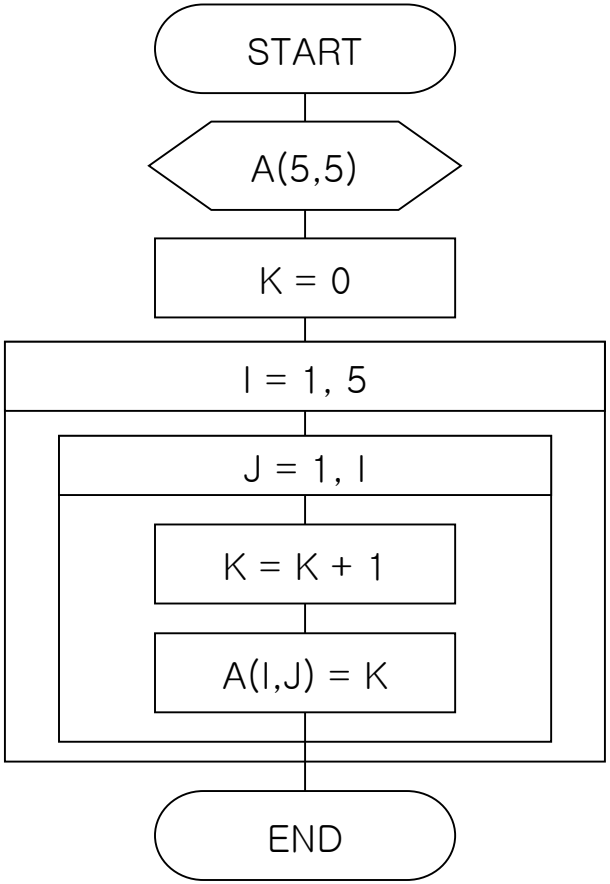
30. 2차원 배열

1	6	11	16	21
2	7	12	17	22
3	8	13	18	23
4	9	14	19	24
5	10	15	20	25



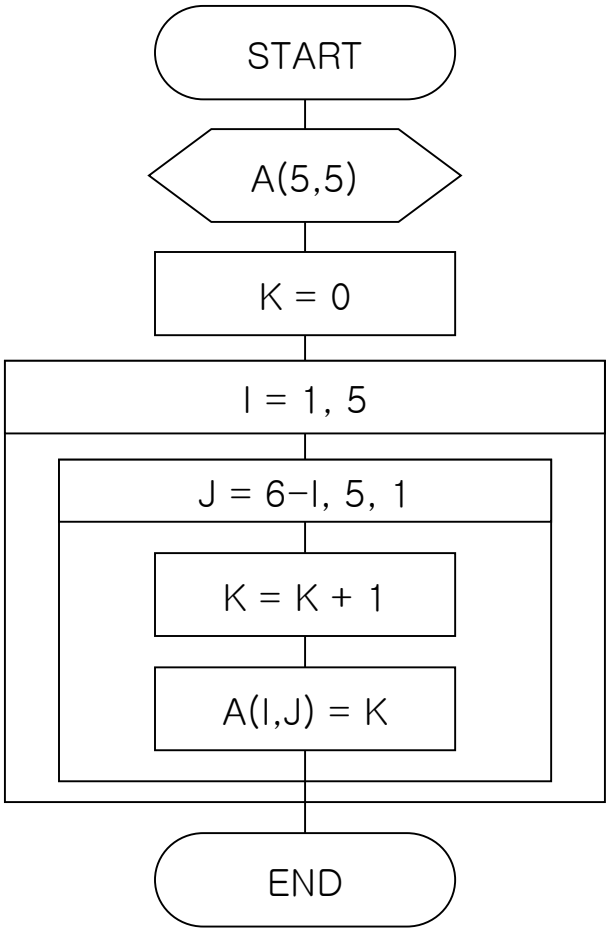
31. 2차원 배열

1				
2	3			
4	5	6		
7	8	9	10	
11	12	13	14	15



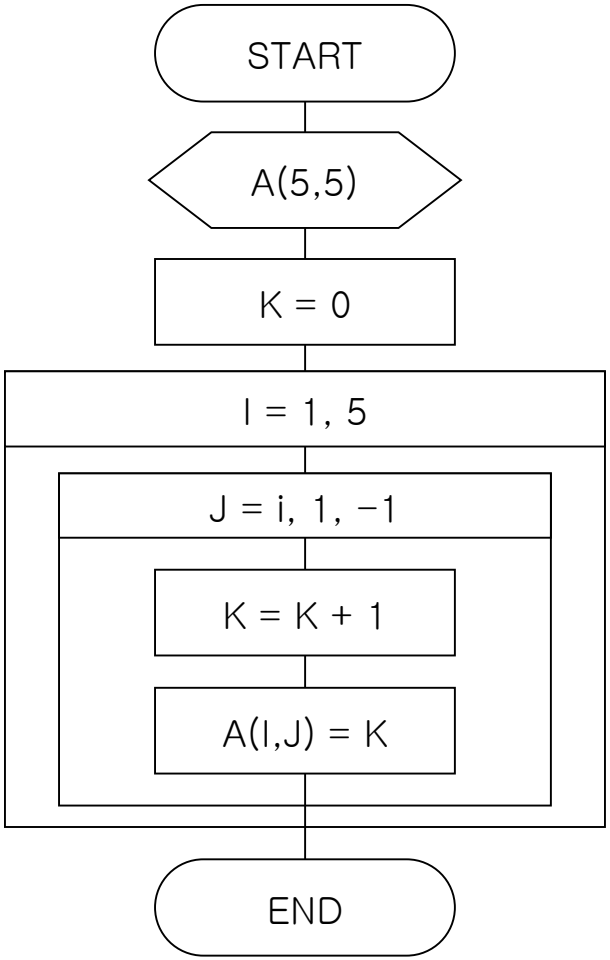
32. 2차원 배열

				1
			2	3
		4	5	6
	7	8	9	10
11	12	13	14	15



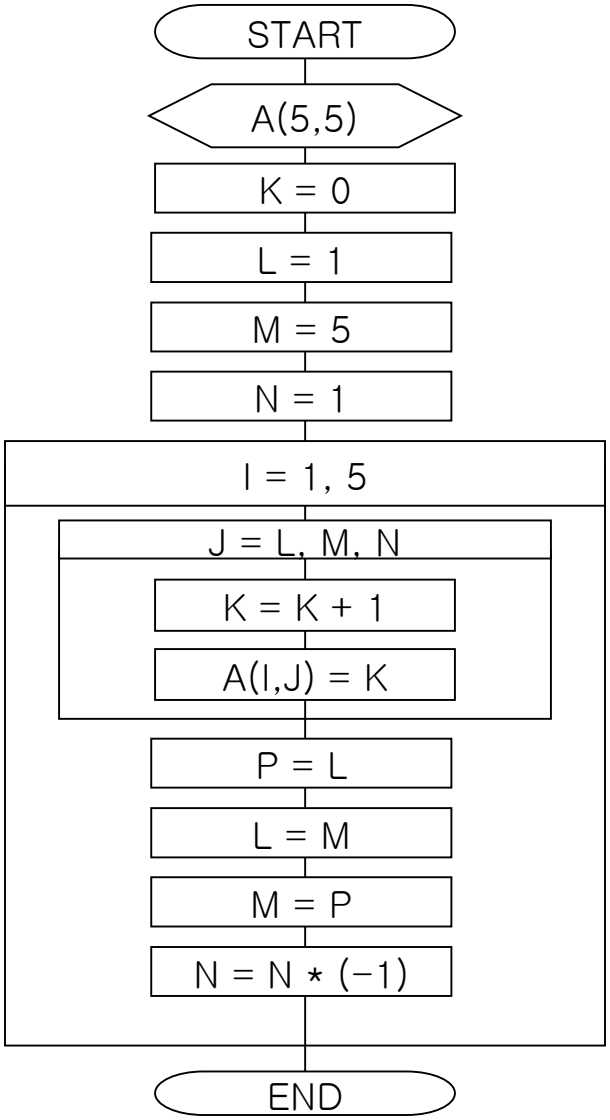
33. 2차원 배열

1				
3	2			
6	5	4		
10	9	8	7	
15	14	13	12	11



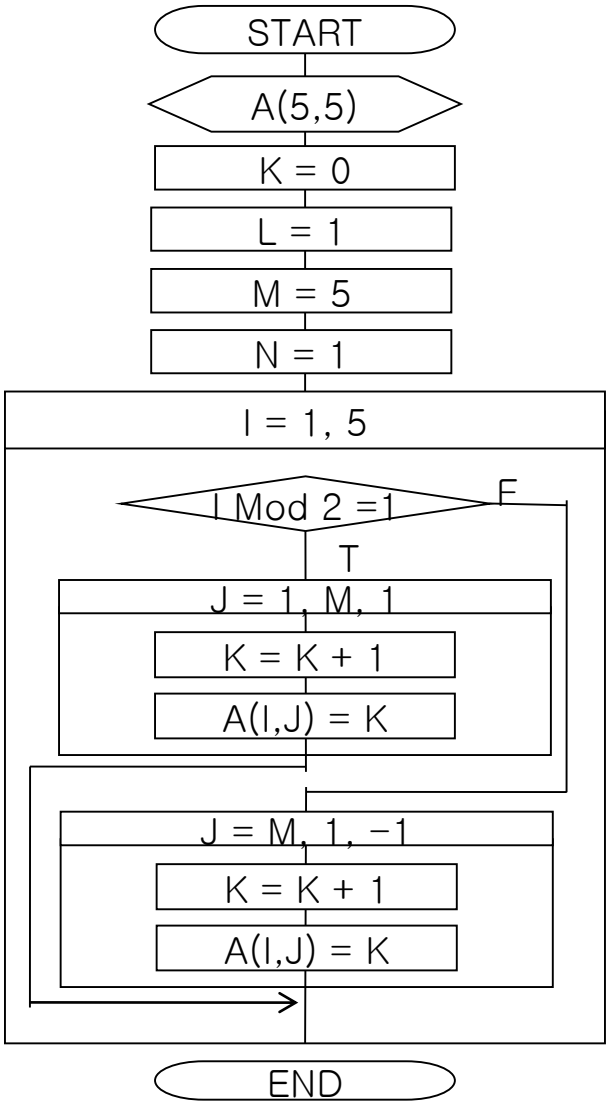
34. 2차원 배열

1	2	3	4	5
10	9	8	7	6
11	12	13	14	15
20	19	18	17	16
21	22	23	24	25



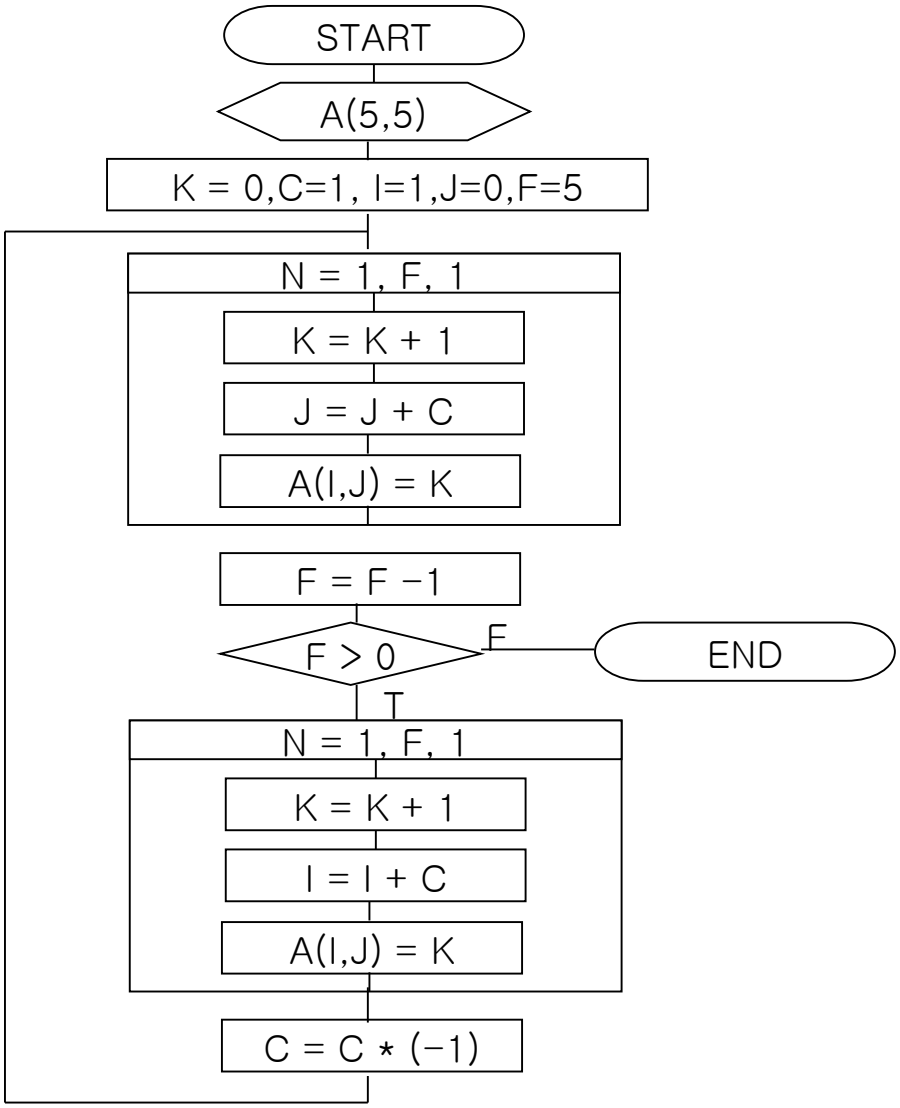
35. 2차원 배열

1	2	3	4	5
10	9	8	7	6
11	12	13	14	15
20	19	18	17	16
21	22	23	24	25



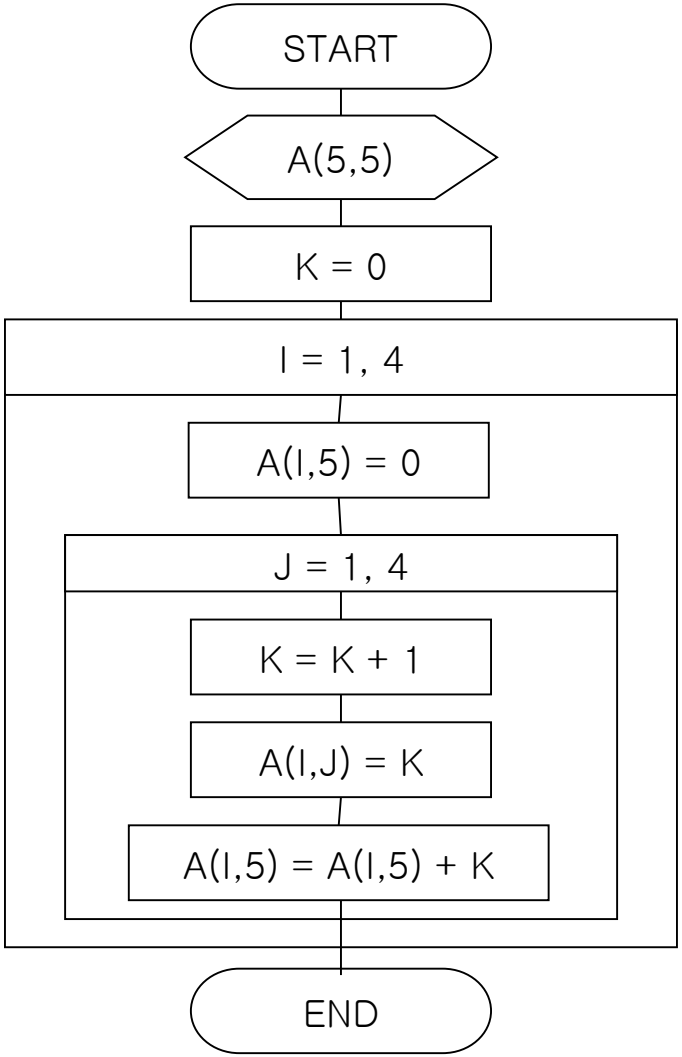
36. 2차원 배열

1	2	3	4	5
16	17	18	19	6
15	24	25	20	7
14	23	22	21	8
13	12	11	10	9



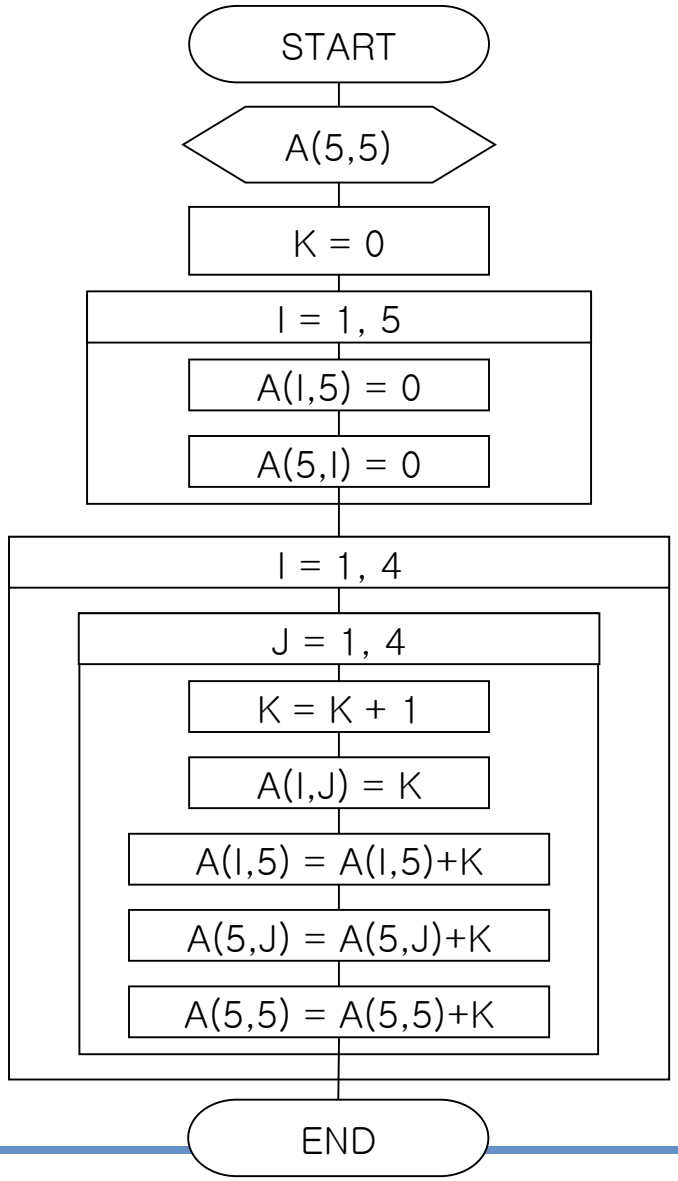
37. 2차원 배열

1	2	3	4	10
5	6	7	8	26
9	10	11	12	42
13	14	15	16	58
17	18	19	20	74



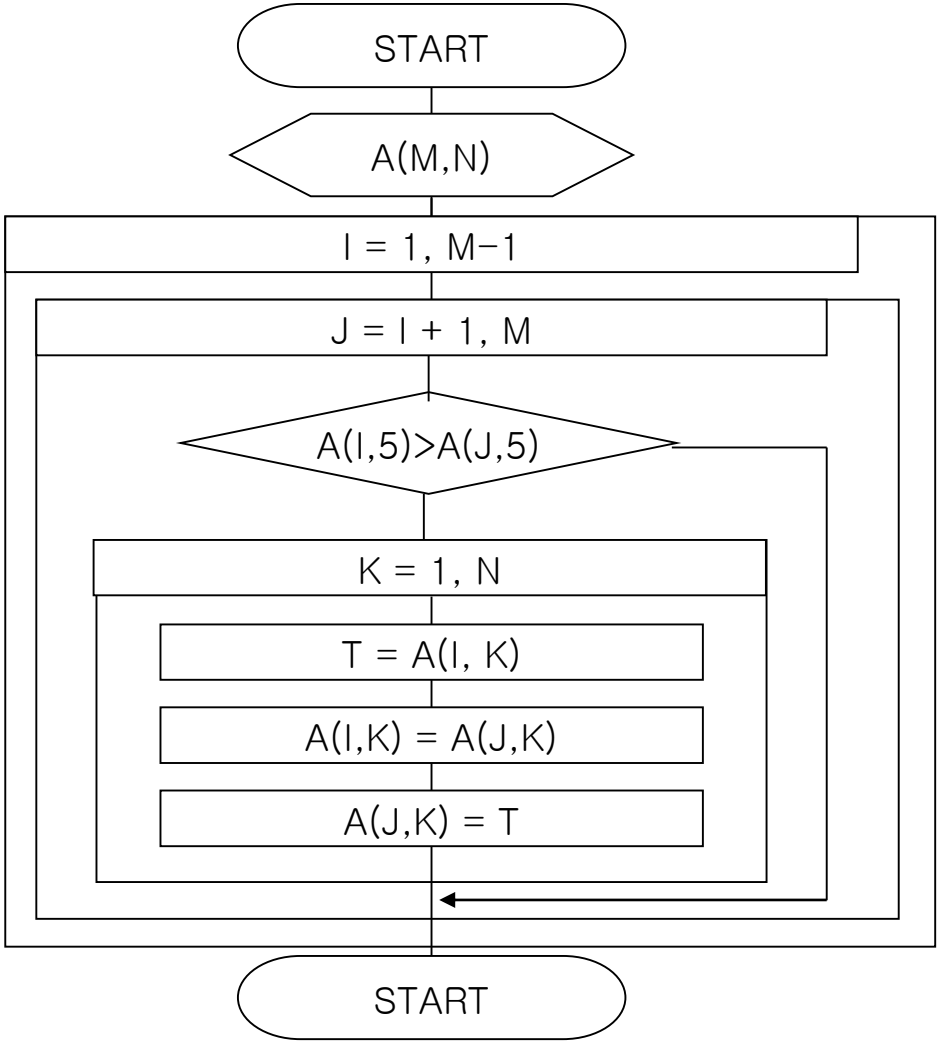
38. 2차원 배열

1	2	3	4	10
5	6	7	8	26
9	10	11	12	42
13	14	15	16	58
28	32	36	40	136

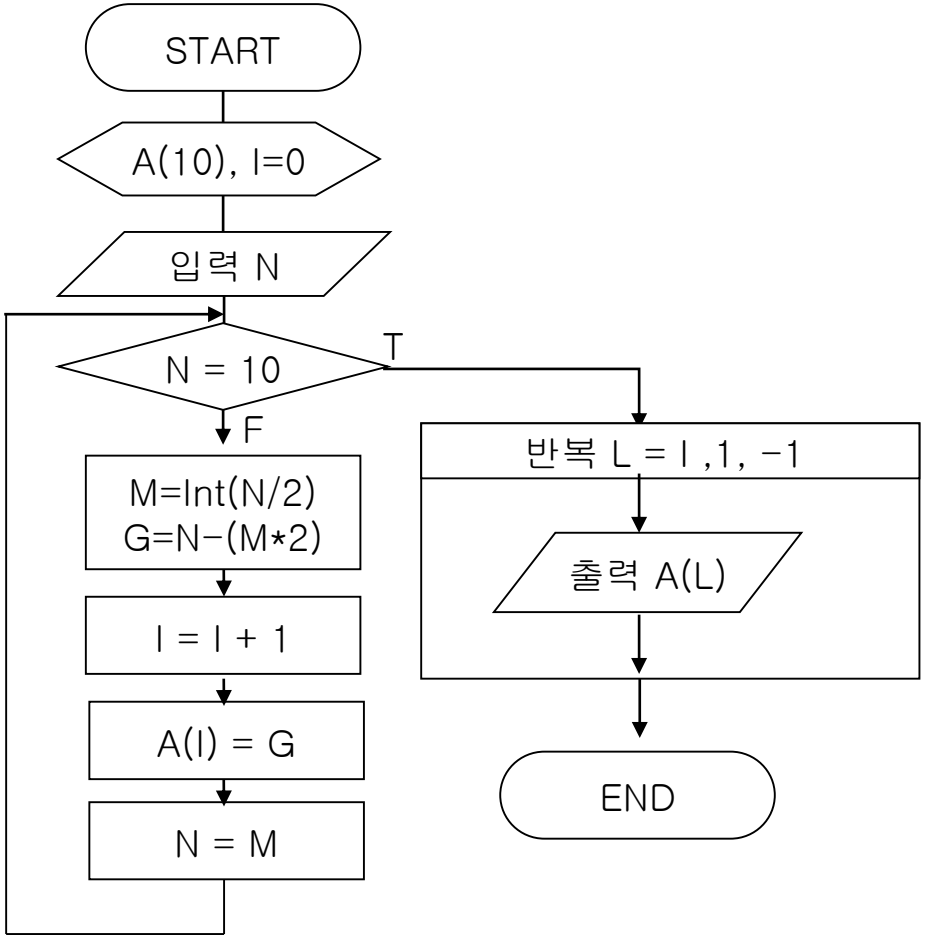


39. 2차원 배열

2차원 Selection sort 알고리즘



40. 10진수를 2진수로 변환 알고리즘



41. 병합(Merge) 알고리즘