

# 3

The sooner you start to code, the longer the program  
will take.

- Rol Carlson, Univ. of Wisconsin -

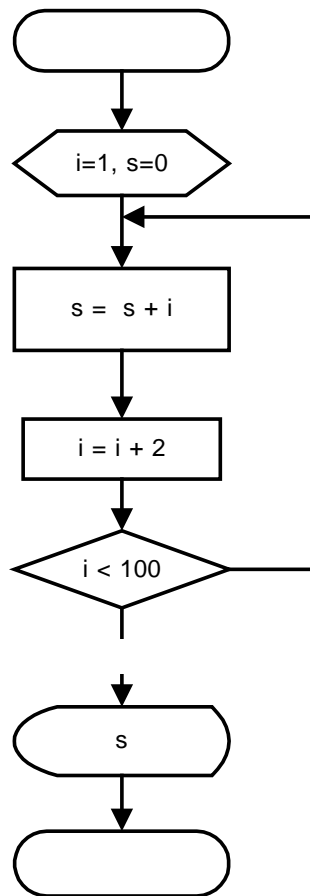
## 1. I

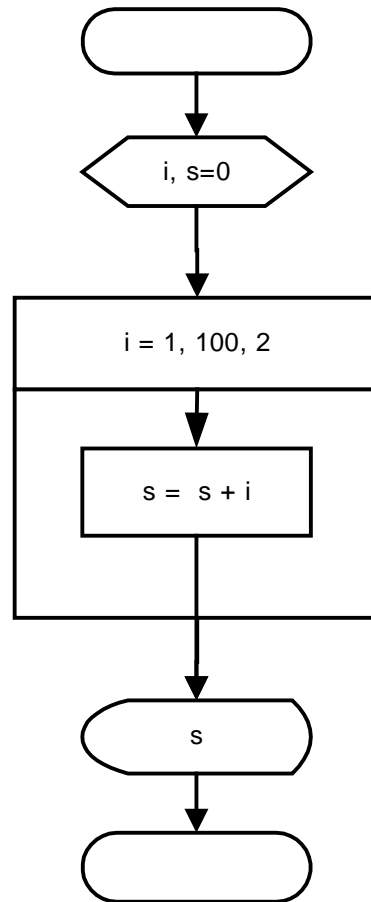
1

1 100

1. 1 100 가 i

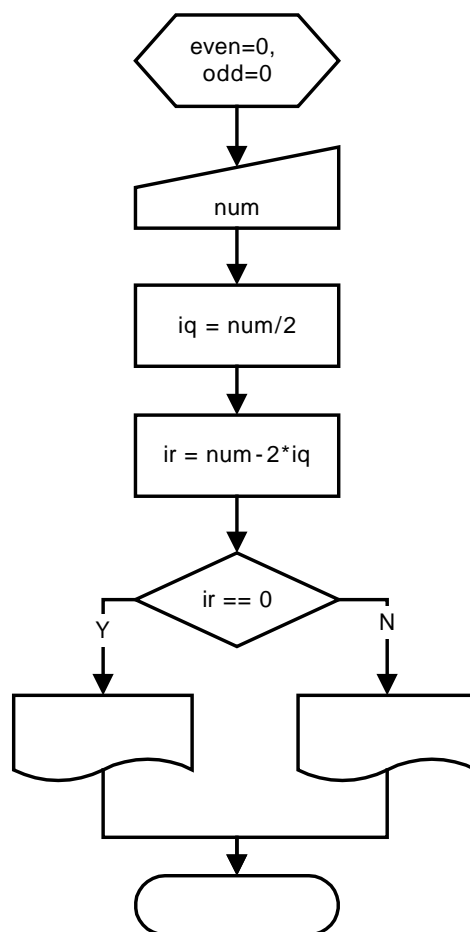
2. s





2

가

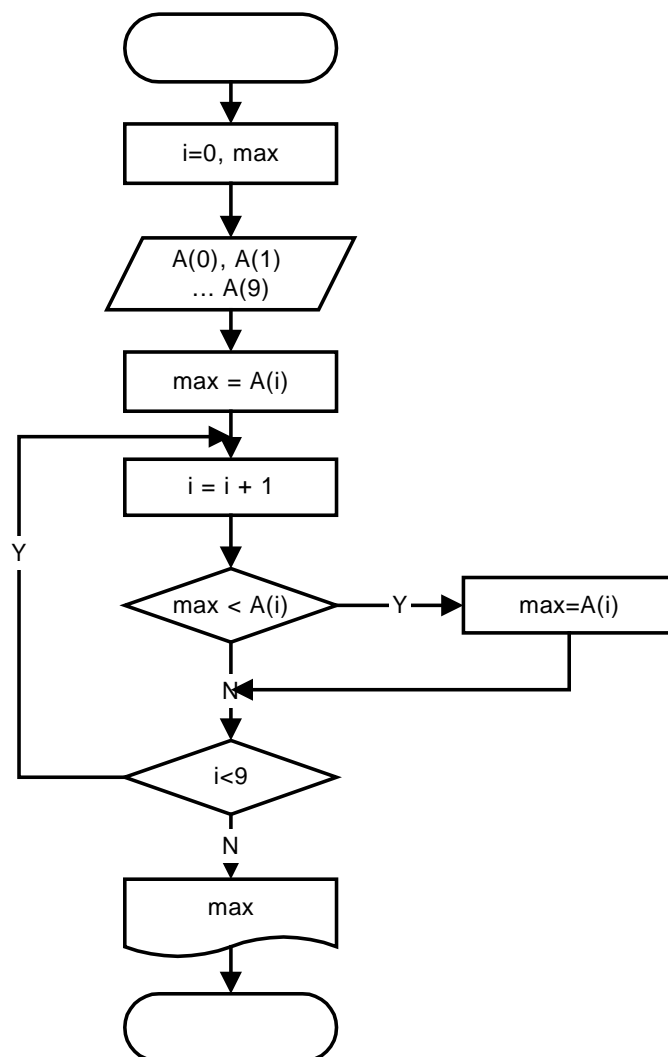


3

10

가

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1

10

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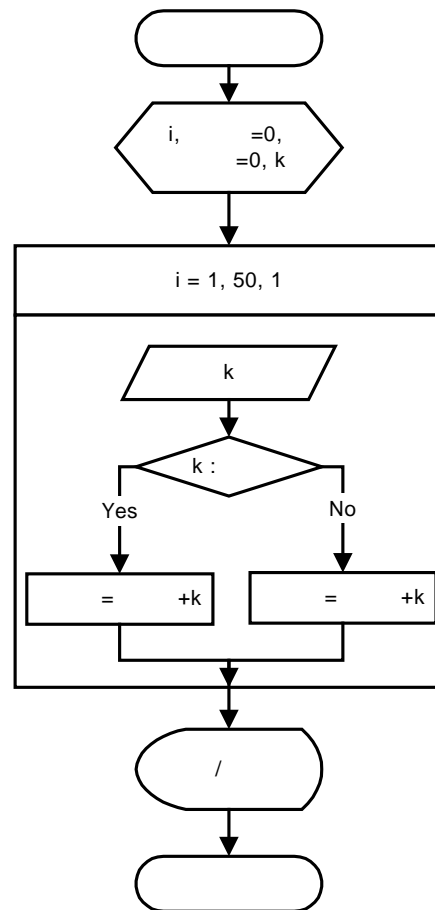
2

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4

50



5

21 가 가 .

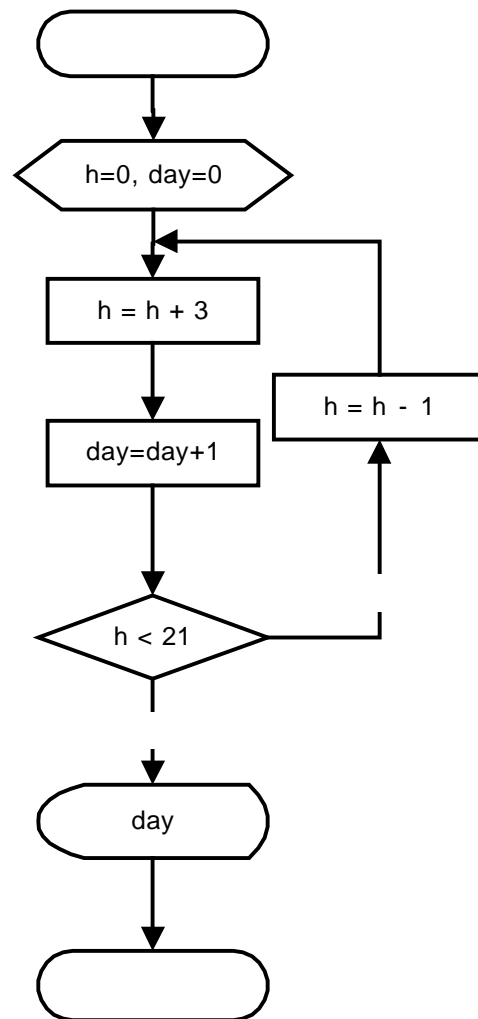
3 가 1 . 가

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가 3 1

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6

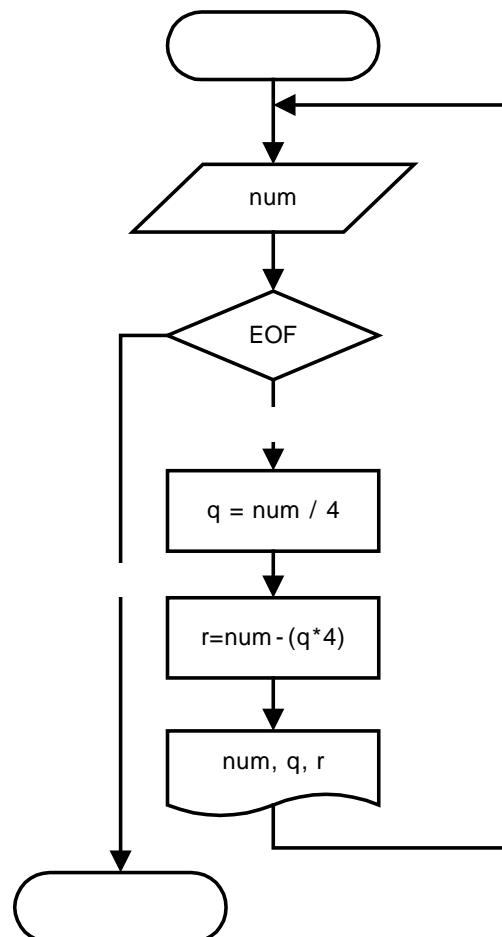
4

1.

4

2.

4

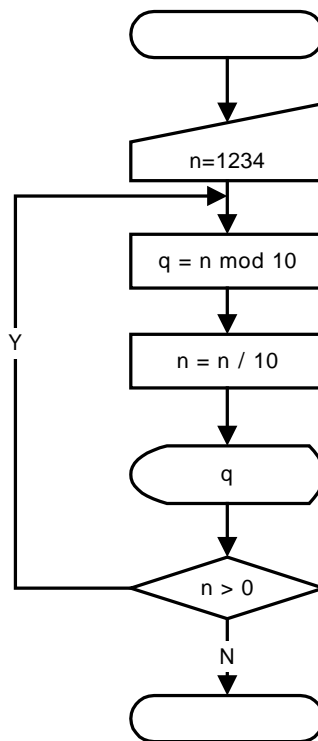


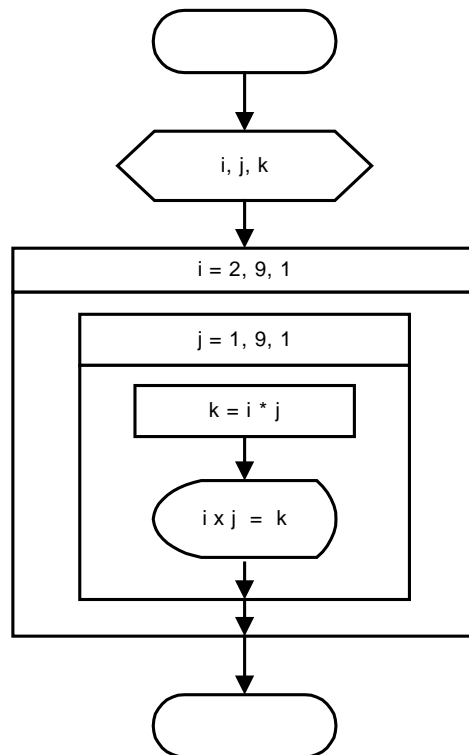
7

1234

4321

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2. II

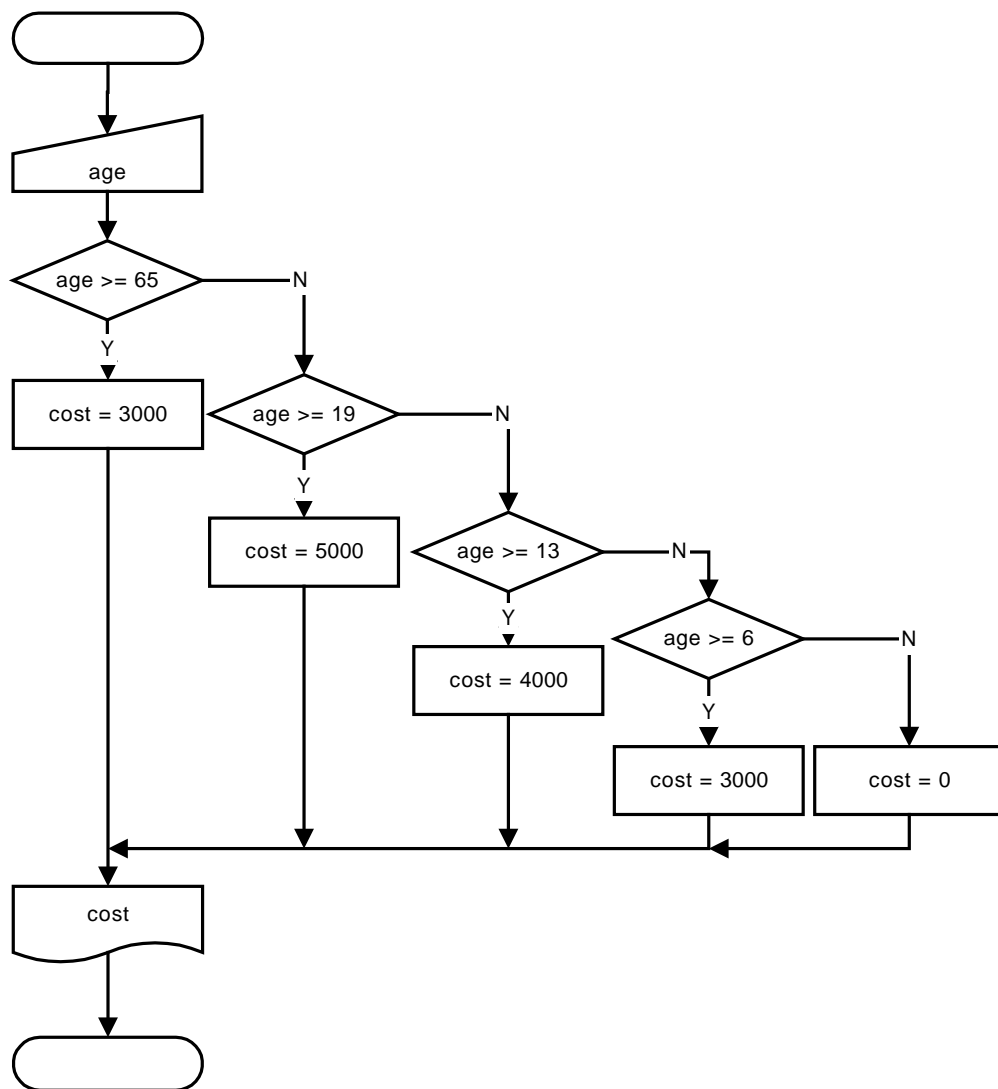
9

가 .

.

-	65	3,000
- 19	, 65	5,000
-	13 , 19	4,000
-	6 , 13	3,000
-	6	

1. .



10

$$1-2+3-4+ \dots + 999 - 1000$$

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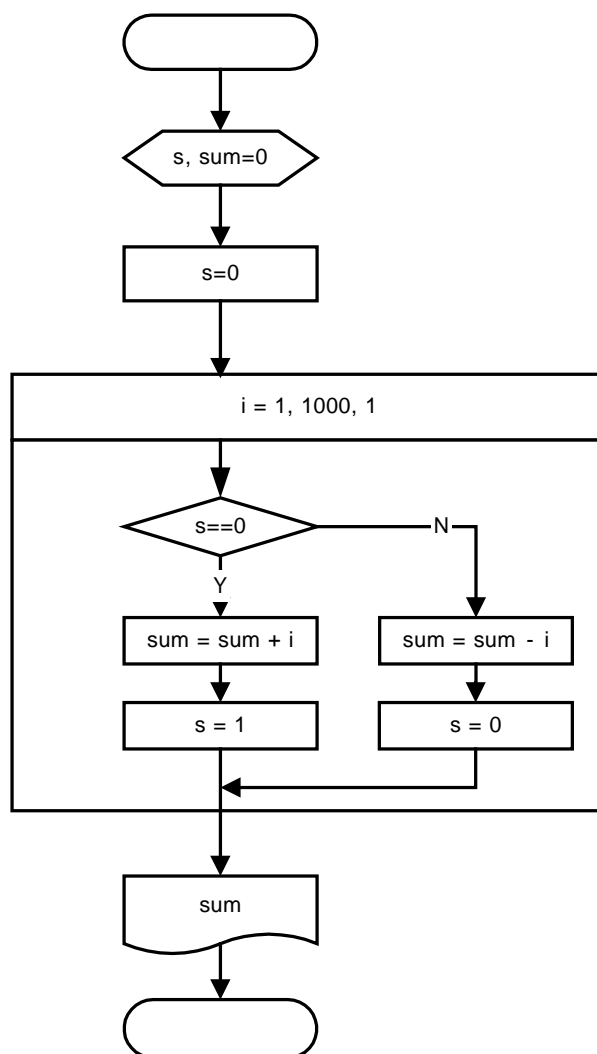
s

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- s = 0

, s = 1

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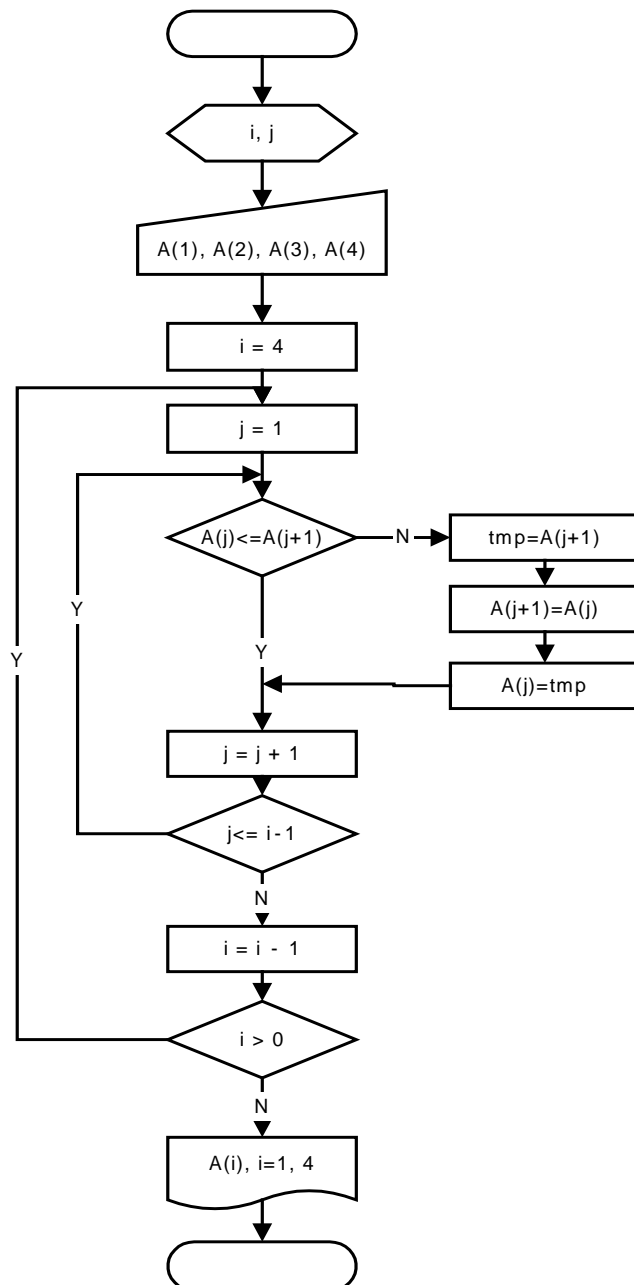


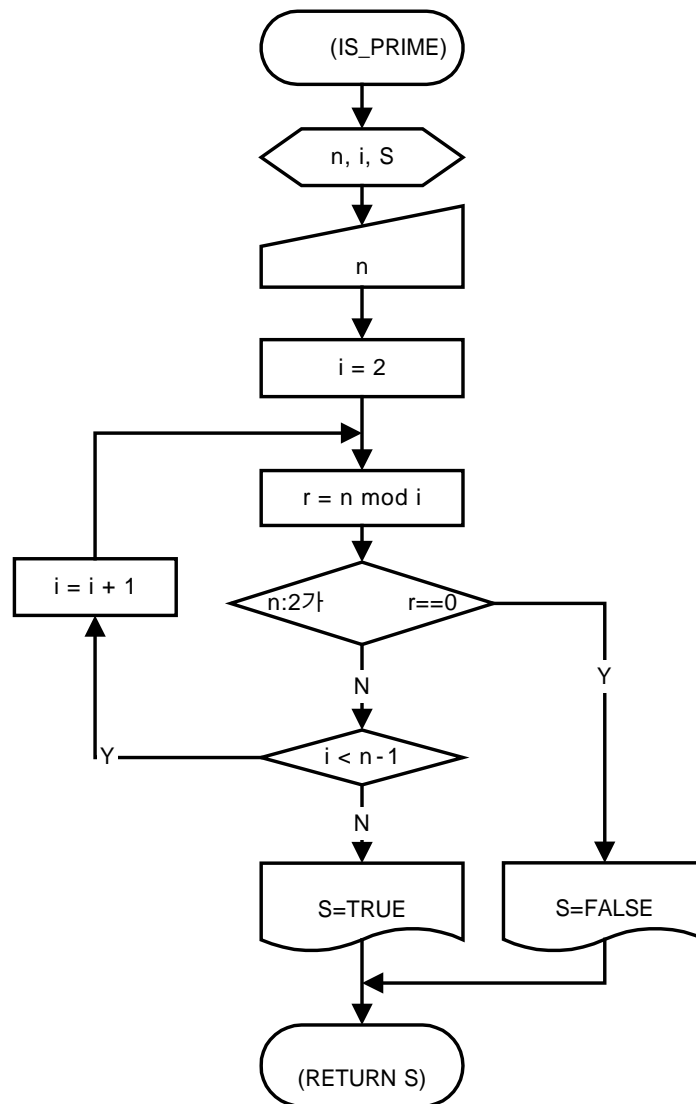


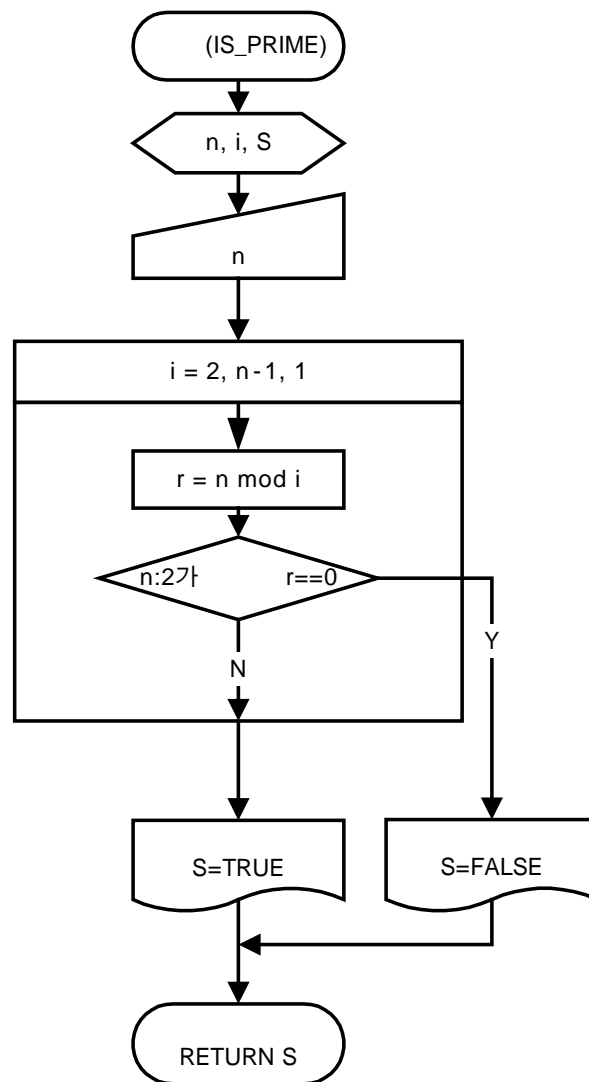
11

4

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13

5

10

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- 5

5, 7, 11, 13, 17, 19, ....

- 5

-

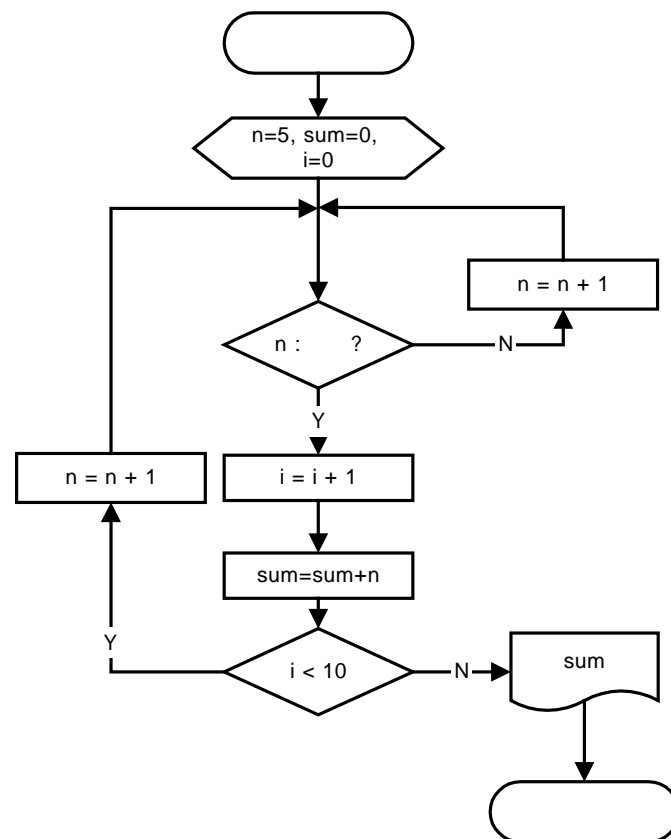
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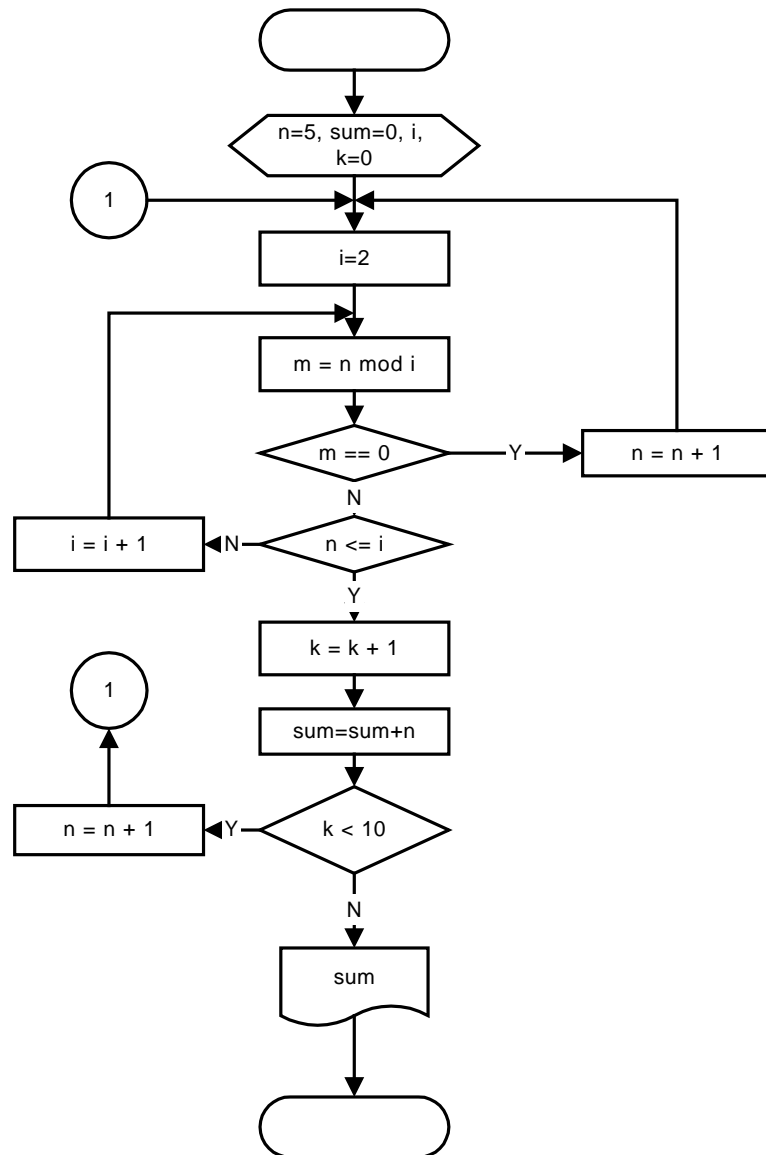
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가 10

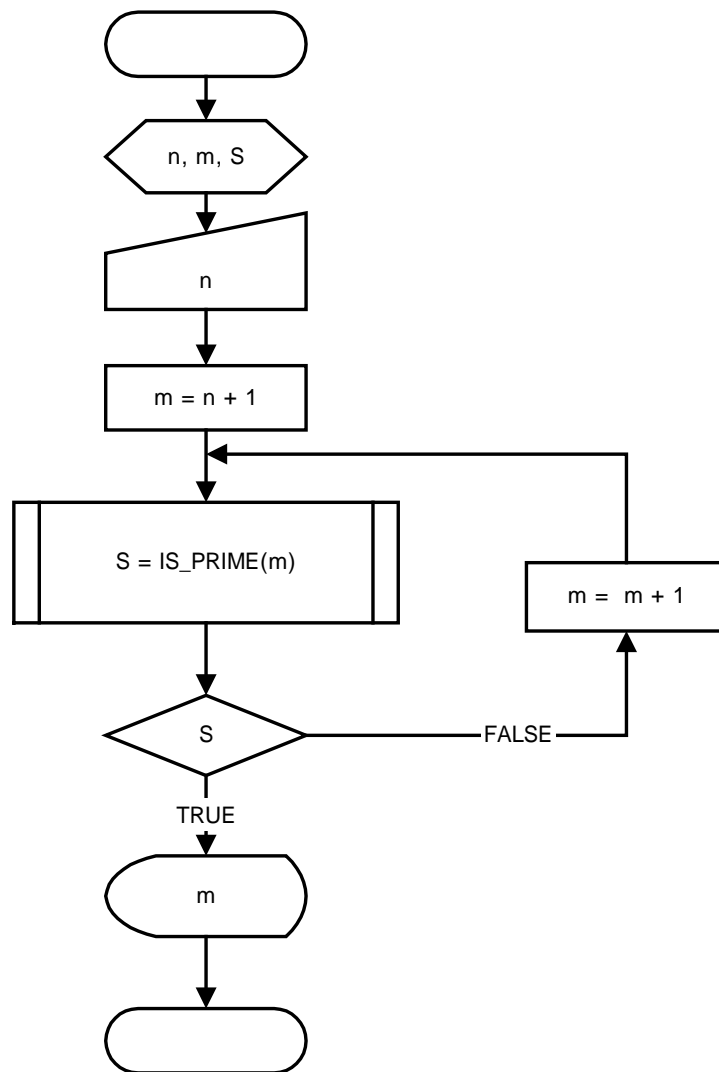
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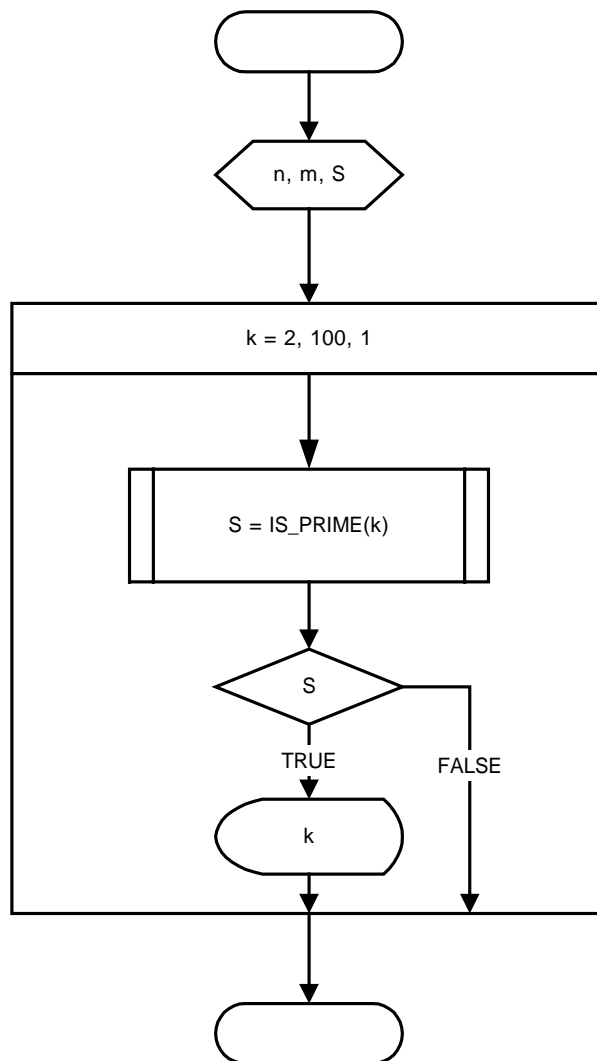
14



15

1 100

.



16

nxn

,

. n .

.

1. 1 1 .

2. n 가 1

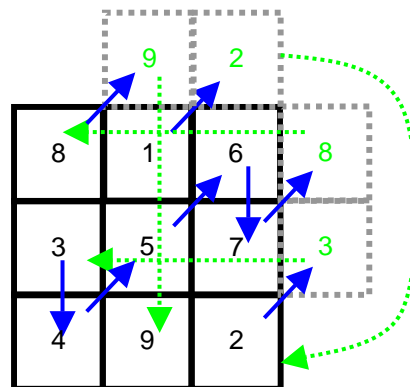
. 3\*3 4, 5\*5 6 가 3

5 .

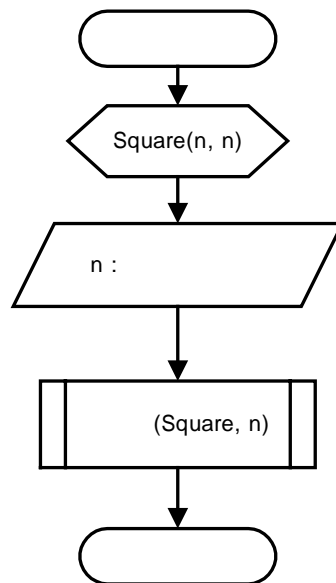
3.

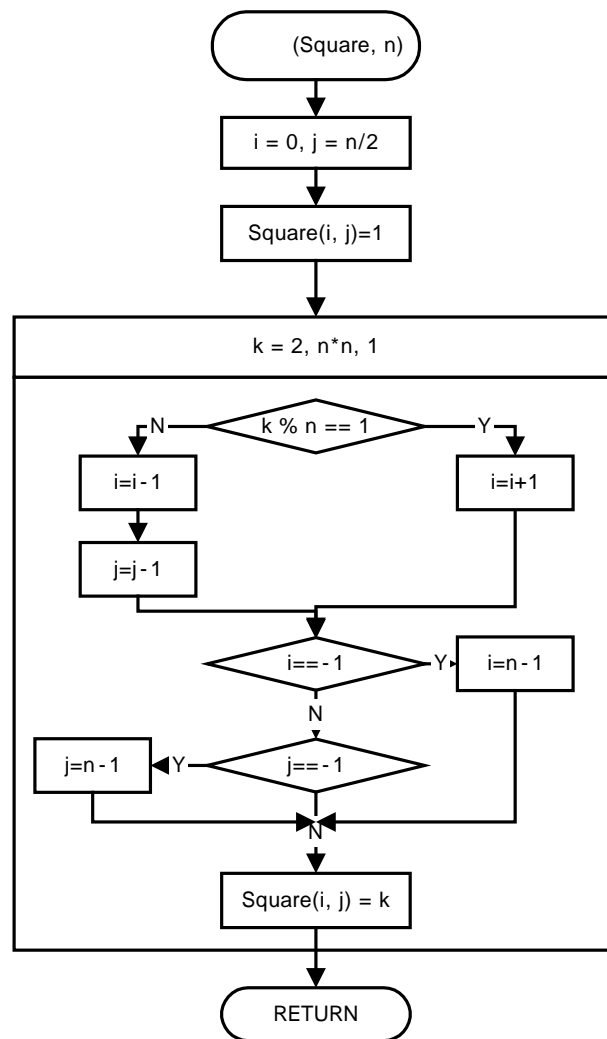
.

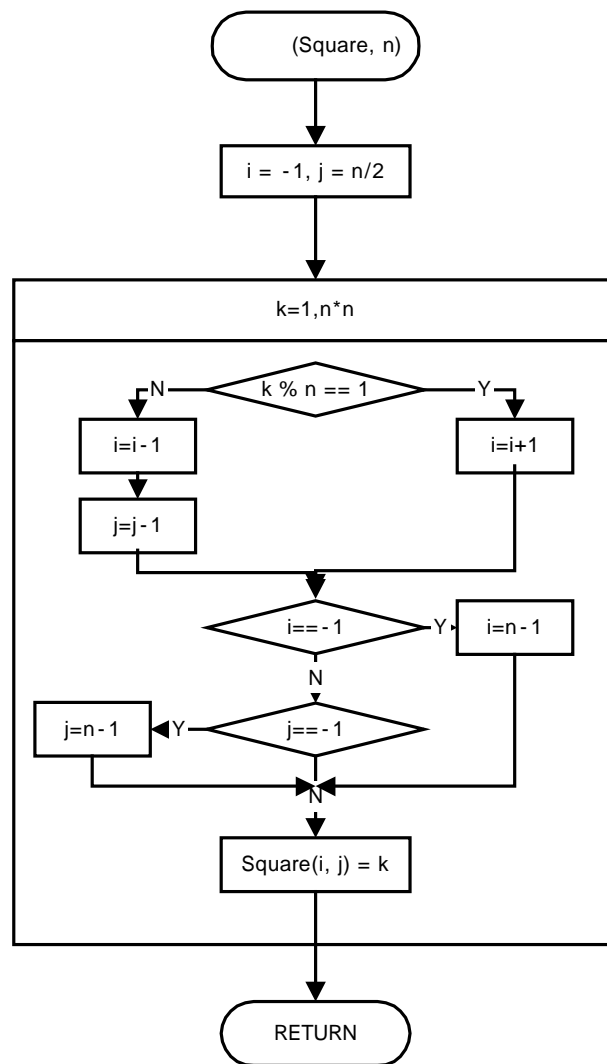
4.











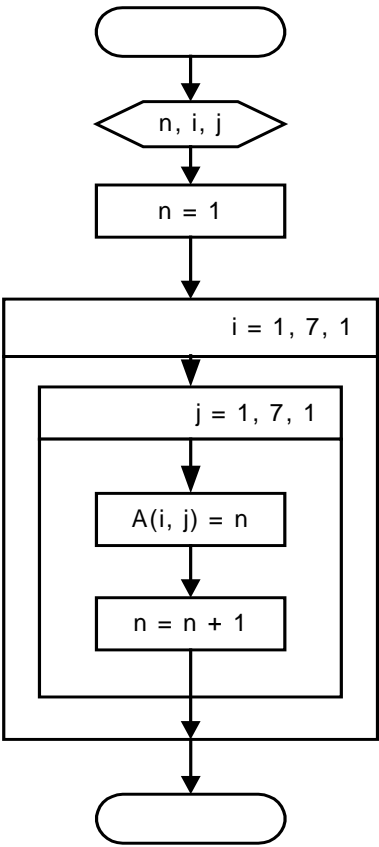
17

A

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	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49

1. 가 , j, i .  
n=7

3. .



A

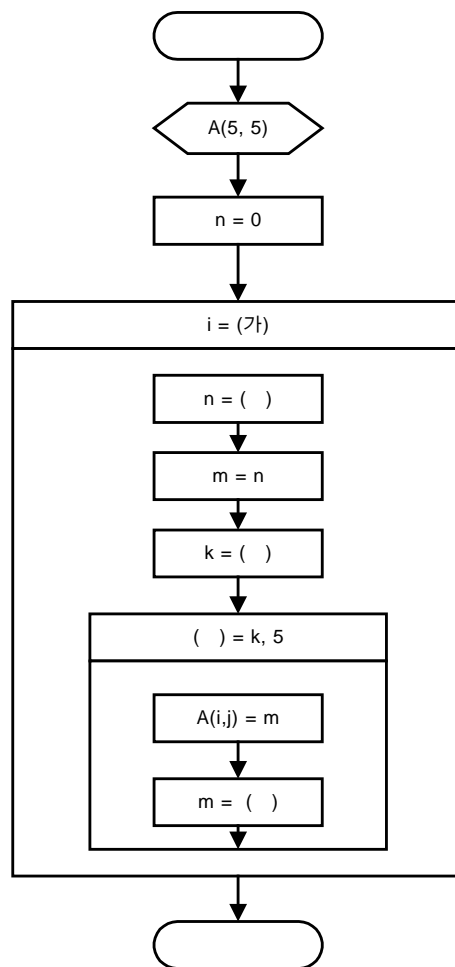
1	2	3	4	5
6	7	8	9	
10	11	12		
13	14			
15				

- :i, :j .
- : 가 .
- : (1,1), (2,1), (3,1), (4,1), (5,1)
- (j) = 5, 4, 3, 2, 1 .

18

A

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



(7)1,5 ( ) n - i ( ) 6-i ( ) j ( ) m-1

19

$$2 \quad ax^2 + bx + c = 0 \quad . a, b, c (a \neq 0)$$

$$b^2 - 4ac \neq 0$$

, 2

.

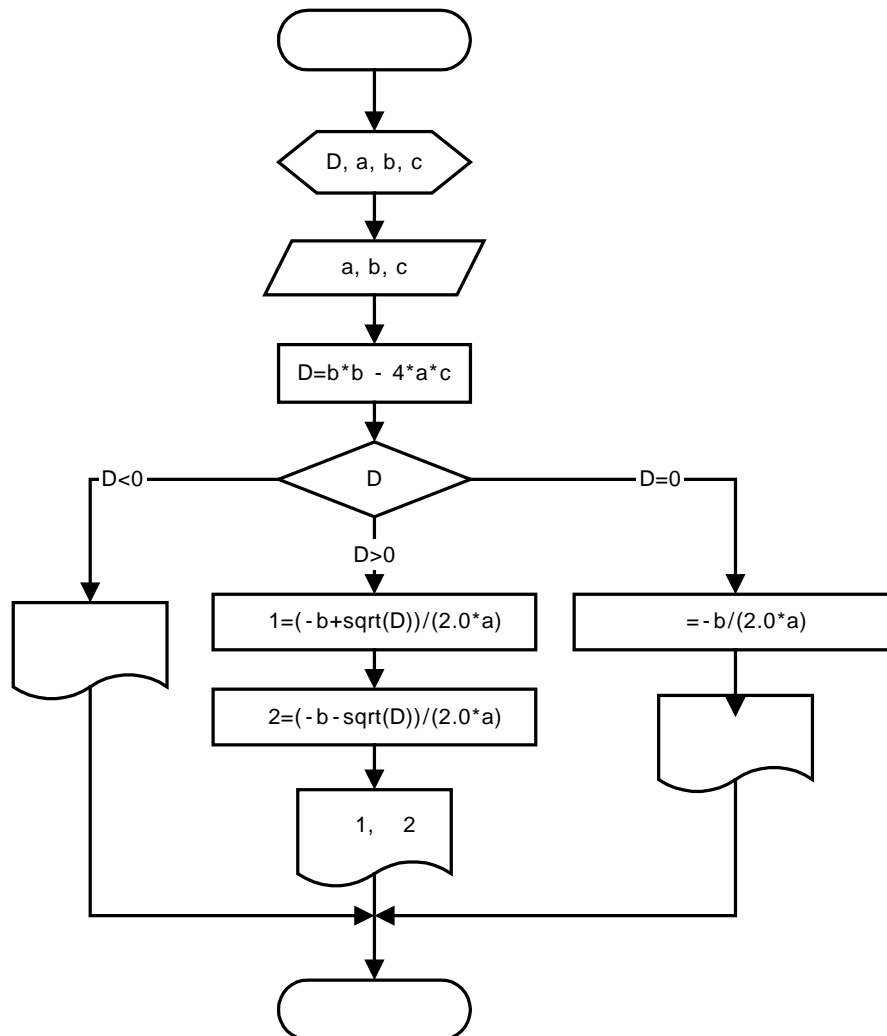
$$2 \quad ax^2 + bx + c = 0 \quad b^2 - 4ac$$

.

$$- D = b^2 - 4ac < 0 \quad , \quad .$$

$$- D = b^2 - 4ac = 0 \quad , \quad .$$

$$- D = b^2 - 4ac > 0 \quad , \quad 2 \quad .$$

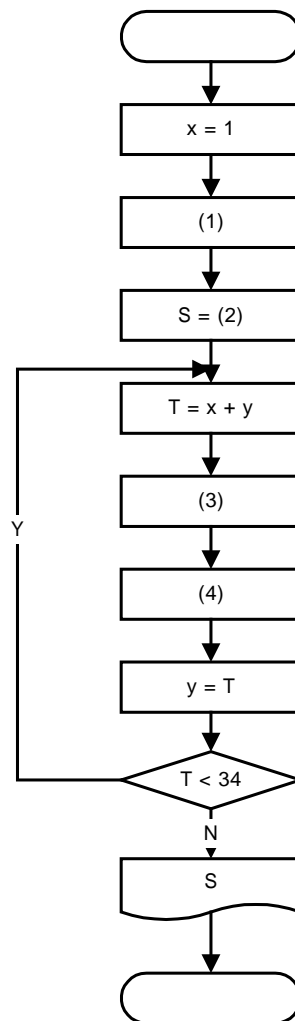




1, 2, 3

1.

$$S = 1 + 1 + 2 + 3 + 5 + 8 + 13 + 21 + 34$$



2.

$$S = 2 + 3 + 5 + 8 + 12 + \dots + 498$$

3.  $x^y$

4.

5.

1, 1, 2, 3, 5, 8, 13, 21, 34, 55, .....

6. 50

7.

8.  $n$  ( ), 1  $n$   
10

9.

ABCDEFGHIJ

BCDEFGHIJ

CDEFGHIJ

DEFGHIJ

EFGHIJ

FGHIJ

GHIJ

HIJ

IJ

J

1. , , , , 1999.
2. , , , , 1998.
3. , . , 1997.
4. , , , 1999.
5. , , , 1998.
6. , , , , 1995.
7. , / ,  
 ,1996.
8. , , / , 1993.