PEMBA	HAS.	AN UAS ALPRO 15/16		
		25 1 - 3 5 1 - 8 - 2 4 - atak (3		
data l	3743	t and b		
1. Data	uru	11: 7 10 12 14 22 25 27 30 33 35 37 40 45 63 80		
Anin I		1 2 3 4 5 6 7 8 9 10 11 12 13 19 15		
Ta = 1				
Tb = 15				
7t = (Tat	Th)/2 = (1+15)/2 = 8		
h				
		on data:		
	-	= t : found		
		< t : Tb = Tt - 1		
date d	ata	>t:Ta=7t+1		
1		-14		
	-	= 14 - 1/2 21 - 21 + 21 = Anti-form 21 - 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 23 23		
1	Proposition of the last	* t = 30		
	-			
3	12	· data < t 3 12 · data = t		
4	14	+T6=Tt-1 14 14 t + data found		
5	22	= 8 - 1 -> 5 22 = 7 6 25		
7	27			
		1 10113		
8	30	t 2 man 2 man and a man an		
10	35	2 2 4 4 5 4 5 4 5 4 5 5 6 5 6 6 6 6 6 6 6 6		
- /1	37			
12				
13	45			
14	63			
15	80	6 AT 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2		
	20			
		2 1 = 940 + 2 1 = 940 + 2 1 + 944 + [+] ajak < [5] atah 2042 + [0] mak < [5] mak < [5] mak (2040 100		
		10 1 m 28 0 28 6 00 m 12 10 12 18 80 18 18 18 18 18 18 18 18 18 18 18 18 18		
Law.				
	J 53	send of the left feller of the left of the		
E LIVAP	m lon			
		12) The state of t		

```
6) data = 63
  1/7/0
  2 10
        · += 30
        · data > t
    12
  4 14
        > Ta=Tt+1=8+1=9
  5
    22
    25 - Tt = Ta+Tb
         2
                             · + = 90
  8
    30 +
            = 9+15
                            · data > t
     33
                    9 33 a -> Ta=Tt+1
  9
    35
                            = 12+1=13
            = 12
                    10 35
                            + Tt = Ta + Tb
                      37
                    11
 12
    40
                                             . + = 63
                      40 t 2
 13
    45
                                        13 45 a · data = t
                              = 13 + 15
 14
    63
                              2
                                          19 63 t -> data found
     80 6
                      80
                         6 = 14
                                          15 80 6
(2) data: 10 25 22 7 40 12 35 63 14 30
         1 2 3 4 5 6 7 8 9 10
                               6. i= 1 & j = 6
                                 data [6] > data [7] : Swap
  1. i=1 & j=1
   data[1] < data[2]
                                 10 22 7 25 12 35 40 63 14 30
                                 12395678510
   false
                                7 1=1 & 1=7
  2 1=18 1=2
  data[2] > data[3]
                                  data [7] < data [8] : false
  SWAP
                                8 i=1 & j=8
  → 10 22 25 7 40 12 35 63 14 30
                                  data[8] > data[9]: Swap
  1 2 3 9 5 6 7 8 9 10
                                  114 63 30
                                12395678916
  3.1=1=1=3
                               91=121=9
  data[3] > data[4] : Swap
                                 data [9] > data [10] : Swap
   10 22 7 25 40 12 35 63 14 30
  1239 56 28 9 10
                                  10 22 7 25 12 35 40 14 30 63
 1. i=1 & j=4
                                12345678910
   data [9] < data [5]: false
                               10 1=2 & j = 1
 5. i=1 & j=5
                                 data[1] < data[2]: false
 data[s] > data[6] : swap
                               11 1=2 & j=2
  10 22 7 25 12 90 35 63 14 50
                                data [2] > data [3] : Swap
```

12 i=2 & j = 3	20m · 7 0 , 0
data[3] < data[4]: false	25 i=3& j=8
13 i=2 & j = 4	Swap
data [9] > data [5]	2 10 12 22 25 35 14 30 40 63
12 25 35 40 14 30 63	1 2 3 A 5 6 2 8 9 16 26 i= 42 j=1
12345678910	
14 1=2 & j=5	false
false	* J false
15 j= 2 2 j = 6	31 i=4 & j=6
false	alata[6]>data[7]: SWAP
16 i= 2 & j= 7	1 1 1 14 35 30 40 63
data[7]>data[8]: Swap	12396678910
	32 i= 4 & j = 7
1 2 3 4 5 6 9 8 9 10	data [7] > data [8] = Swap
17 1=3 2] = 8	7 10 12 22 25 14 30 35 40 63
data [8] > data [8]: Swap	12345678510
1 1 30 40 63	33 1 = 4 \$ 1 = 8
12345678510	false
18 i= 3 & j=1	34 i = 5 & j = 1
data[1] > data[2]: Swap	false
17 10 22 12 25 35 40 14 30 63	
12345678910	I false
9 i = 3 & j = 2	38 i=5 & j=5
faire	Swap
20 i = 3 & j = 3	17 10 12 22 14 25 30 35 40 63
data[3] > data[4]: Swap	12345678910
17 10 12 22 25 35 (40 14 30 63	39 i=5 & j=6
12395628910	false
1 i=3 & j=4.	1 false
false	1
2 i= 3 & j=5	46 i=6 & j= 4
false	Swap
s i=3 & J= 6	17 10 12 14 22 25 30 35 40 63
false	1 2 3 4 5 6 7 8 5 10
4 j= 3 & j= 7	1 farse
SWAP	1)1
17 10 12 22 25 35 14 140 30 63	o i= 9 & j= 9
1234 5 6 7 8 9 10	12/10/12/14/22/25/30/35/40/63/