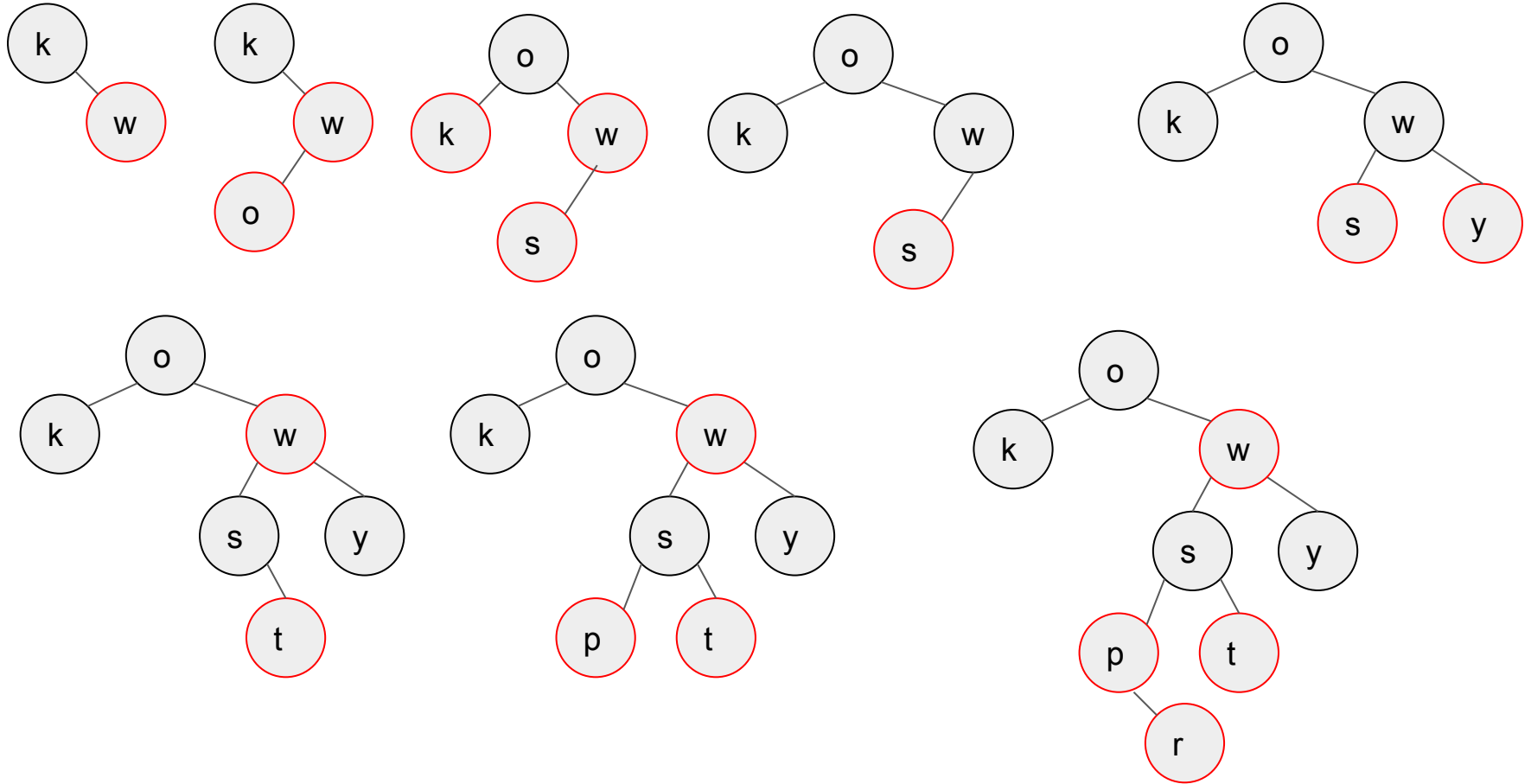
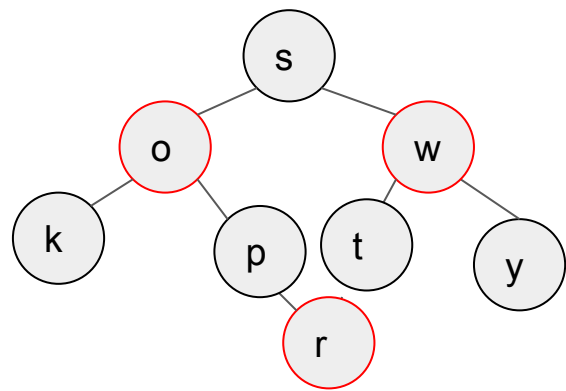
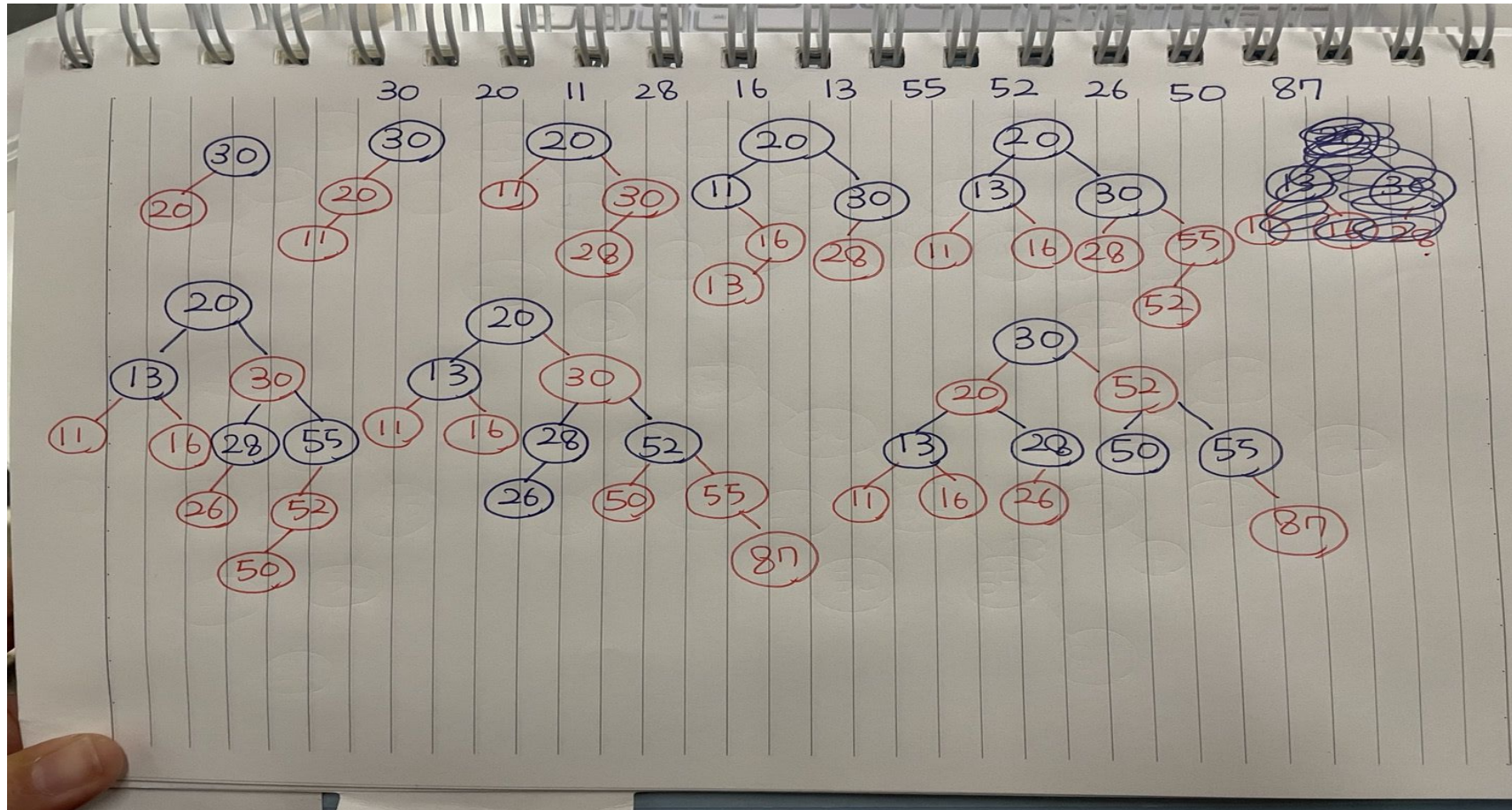


Question 1: k/ w/ o/ s/ y/ t/ p/ r

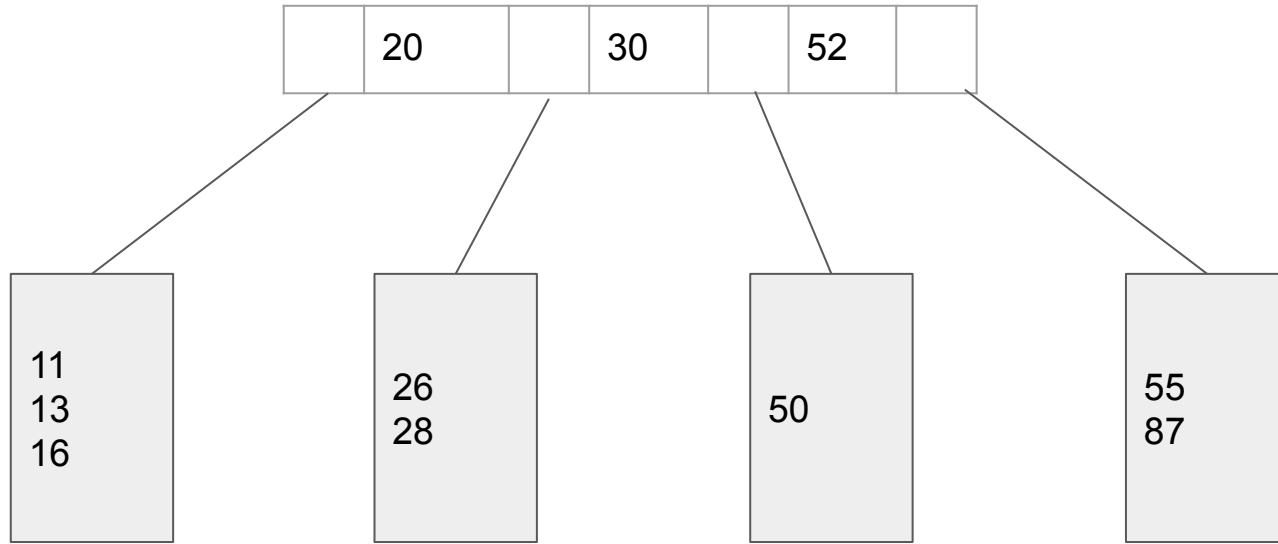




Question 2: 30 20 11 28 16 13 55 52 26 50 87



Question 3:



Question 4:

x	h(x)
3823	1
8806	5
8783	8
2850	3
3593	5
8479	3
1941	4
4290	0
8818	4
7413	3

0		4290
1		3823
2		
3		2850 → 8479 → 7413
4		1941 → 8818
5		8806 → 3593
6		
7		
8		8783
9		
10		
11		
12		

Question 5:

x	h(x)
3823	1
8806	5
8783	8
2850	3
3593	5
8479	3
1941	4
4290	0
8818	4
7413	3

0	4290
1	3823
2	
3	2850
4	8479
5	8806
6	3593
7	1941
8	8783
9	8818
10	7413
11	
12	

Question 6:

x	h(x)
3823	1
8806	5
8783	8
2850	3
3593	5
8479	3
1941	4
4290	0
8818	4
7413	3

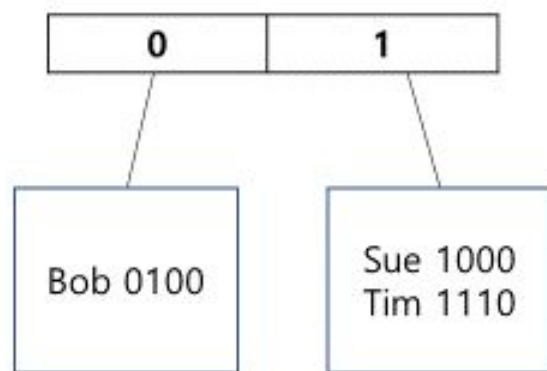
0	1941
1	3823
2	
3	2850
4	8479
5	8806
6	3593
7	8818
8	8783
9	4290
10	
11	
12	7413

Question 7:

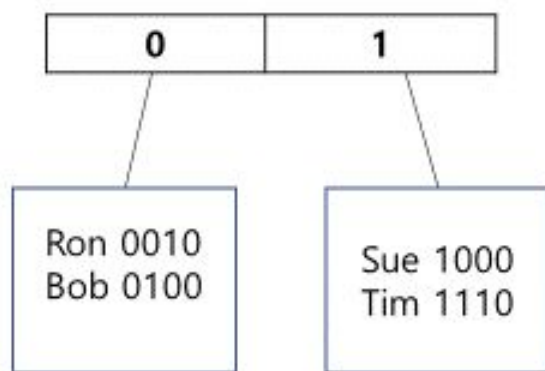
x	h1(x)	h2(x)
3823	1	5
8806	5	5
8783	8	6
2850	3	10
3593	5	4
8479	3	2
1941	4	6
4290	0	11
8818	4	4
7413	3	1

0	4290
1	3823
2	
3	2850
4	1941
5	8806
6	7413
7	8479
8	8783
9	3593
10	
11	
12	8818

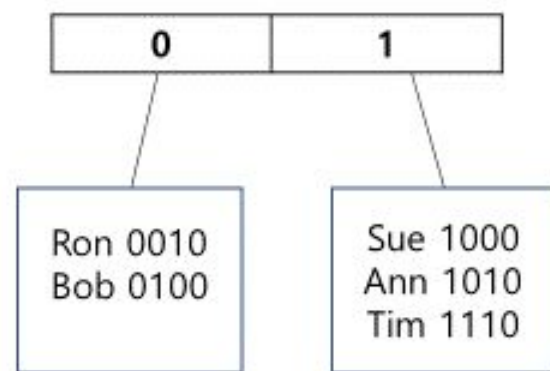
Question 8 :



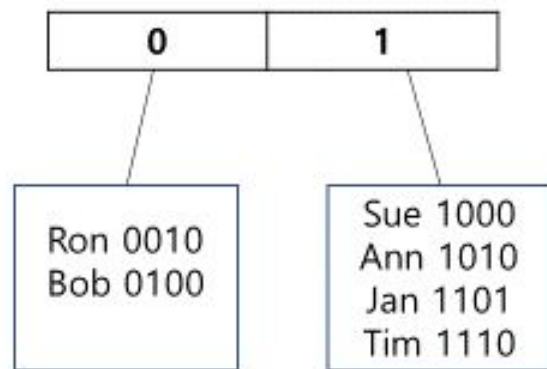
Add Bob, Sue, Tim



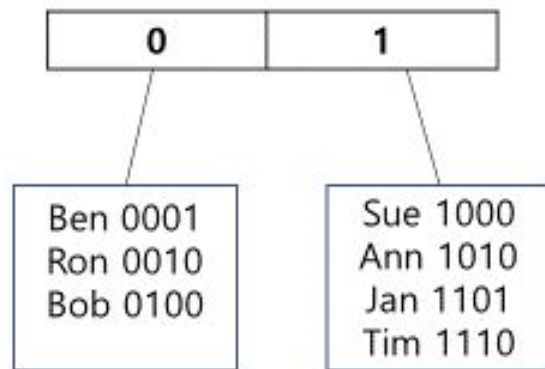
Add Ron



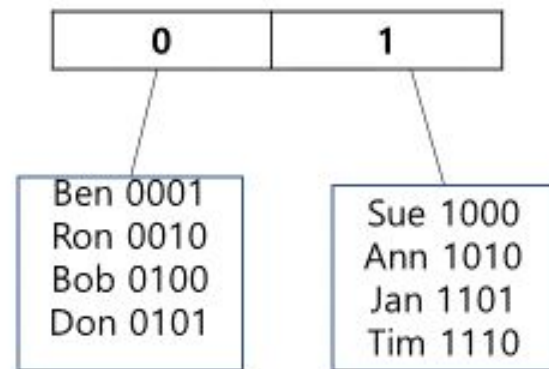
Add Ann



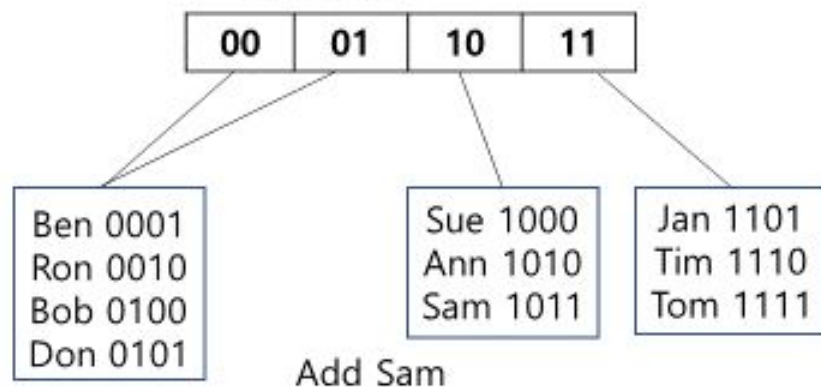
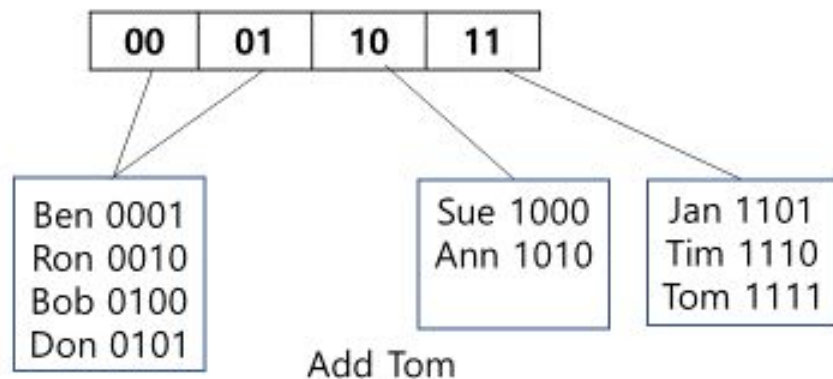
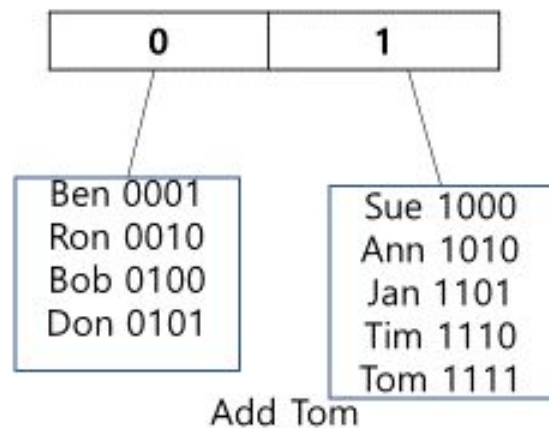
Add Jan



Add Ben



Add Don



Question 9 :

Table 1		Table 2	
0		0	
1		1	
2	A	2	
3		3	
4		4	

Insert : A

A: 2, 0
B: 0, 0
C: 4, 1
D: 0, 1
E: 2, 3

Table 1		Table 2	
0	B	0	
1		1	
2	A	2	
3		3	
4		4	

Insert : B

Table 1		Table 2	
0	B	0	
1		1	
2	A	2	
3		3	
4	C	4	

Insert : C

Table 1		Table 2	
0	D	0	B
1		1	
2	A	2	
3		3	
4	C	4	

Insert : D

Table 1		Table 2	
0	B	0	A
1		1	D
2	E	2	
3		3	
4	C	4	

Insert : E

Question : 10

~	ITEM	HOP
6	A	1000
7	B	1000
8		
9	C	1000
10		
11		
12		

Insert : A, B, C

~	ITEM	HOP
6	A	1000
7	B	1100
8	D	0000
9	C	1000
10		
11		
12		

Insert : D

~	ITEM	HOP
6	A	1100
7	E	0101
8	D	0000
9	C	1000
10	B	0000
11		
12		

Insert : E

~	ITEM	HOP
6	A	1100
7	E	0111
8	D	0000
9	F	0010
10	B	0000
11	C	0000
12		

Insert : F

~	ITEM	HOP
6	A	1100
7	E	0111
8	D	0100
9	G	0011
10	B	0000
11	C	0000
12	F	0000

Insert : G

A : 6/

B : 7/

C : 9/

D : 7/

E : 6/

F : 7/

G : 8