

Q1:
select *
from R
where R.A > 10
and R.A < 14

Q2:
select *
from R
where R.A > 7
and R.A <= 16

Column A

13
16
4
9
2
12
7
1
19
3
14
11
8
6

Cracker column of A

4
9
2
7
1
3
8
6
13
12
11
16
19
14

Q1
(copy)

Piece 1:
 $A \leq 10$

Q2
(in-place)

Piece 2:
 $10 < A < 14$

Piece 3:
 $14 \leq A$

Cracker column of A

4
2
1
3
6
7
9
8
13
12
11
14
16
19

Piece 1: $A \leq 7$

Piece 2: $7 < A \leq 10$

Piece 3: $10 < A < 14$

Piece 4: $14 \leq A \leq 16$

Piece 5: $16 < A$