E

A

B

D

C

E

A

B

D

C

E

A

B

D

C

1. Select anchor A  
   array = [A]

E

A

B

D

C

1. Add B to array  
   array = [A, B]
2. Add C to array  
   array = [A, B, C]

Constrain limit is reached!

E

A

B

D

C

1. Anchor still has neighbors

array = [A]

E

A

B

D

C

1. Add D to array

array = [A, D]

E

A

B

D

C

1. Add E to array

array = [A, D, E]

Constrain limit is reached!

E

A

B

D

C

1. Select anchor B

array = [B]

E

A

B

D

C

1. Add D to array  
   array = [B, D]

E

A

B

D

C

1. Reset array  
   array = [B]

We can’t add E because it was already with D (see 6))

E

A

B

D

C

1. Add E to array  
   array = [B, E]

E

A

B

D

C

1. Select anchor C

array = [C]

E

A

B

D

C

1. Add D to array  
   array = [C, D]

E

A

B

D

C

1. Reset array  
   array = [C]

We can’t add E because it was already with D (see 6))

E

A

B

D

C

1. Add E to array  
   array = [C, E]

E

A

B

D

C

1. Select anchor D

array = [D]

E

A

B

D

C

1. Select anchor E

array = [E]

We end up with the following partitions\*:

[A, B, C]

[A, D, E]

[B, D]

[B, E]

[C, D]

[C, E]

[D]

[E]

\* in this example, we allow single node partitions