1 List of empty values:

a has the following values:

1. 2

2. 3

3. 4

b has the following values:

1. 6

2. 7

3. 8

4. 9

c has the following values:

1. 11

2. 12

3. 13

4. 14

d has the following values:

1. 16

2. 17

3. 18

4. 19

e has the following values:

1. 21

2. 22

3. 23

4. 24

5. 25

2 List of nonempty values:

1. a has the following values: − 1
   skip 2, skip 3, skip 4,

2. b has the following values: − 5
   skip 6, skip 7, skip 8, skip 9,

3. c has the following values: − 10
   skip 11, skip 12, skip 13, skip 14,

4. d has the following values: − 15
   skip 16, skip 17, skip 18, skip 19,

5. e has the following values: − 20
   skip 21, skip 22, skip 23, skip 24, skip 25,

3 Dorecurse alternative and while loop using

A. a has the following values: − 1
   skip 2, skip 3, skip 4,

B. b has the following values: − 5
   skip 6, skip 7, skip 8, skip 9,

C. c has the following values: − 10
   skip 11, skip 12, skip 13, skip 14,

D. d has the following values: − 15
   skip 16, skip 17, skip 18, skip 19,

E. e has the following values: − 20
   skip 21, skip 22, skip 23, skip 24, skip 25,