

## QotD9

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Questions: 2

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1. Consider LZW compression with 2 variations:

- i) 12-bit codewords are used
- ii) 16-bit codewords are used

Which of the following statements is true? [ give the best answer ]

*(1 point)*

- A. Version i) will achieve compression earlier
- B. Version ii) will achieve compression earlier
- C. Version i) will compress further into a large file
- D. Version ii) will compress further into a large file
- ✓ E. Both A. and D.
- F. Both B. and C.

2. Consider the following files:

- i) A file containing 1000 As
- ii) A file containing the pattern ABCD, repeated 250 times

Which file will produce better compression using LZW?

*(1 point)*

✓ A. File i)

B. File ii)

C. Both will have approximately the same amount of compression