

Evaluate each of the following Haskell expressions

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|----------------------|-----------|
| a) head [1,2,3,4] | 1 |
| b) tail [1,2,3,4] | [2,3,4] |
| c) reverse [1,2,3,4] | [4,3,2,1] |
| d) reverse "Hello" | "olleH" |
| e) [1,2,3,4] !! 2 | 3 |
| f) length [1,2,3,4] | 4 |
| g) sum [1,2,3,4] | 10 |
| h) product [1,2,3,4] | 24 |
| i) [1,2] ++ [3,4] | [1,2,3,4] |
| j) drop 2 [1,2,3,4] | [3,4] |
| k) take 2 [1,2,3,4] | [1,2] |

Prelude>let p=["a","b","c","d","e"]

What is returned when the following functions are applied?

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|---------------------------------|-----|
| l) head(tail(p)) | "b" |
| m) tail(head(p)) | [] |
| n) head(tail(tail(reverse(p)))) | "c" |