
READ THIS FIRST ! Corrections to the CS206 final exam 30 April 2001

- In question (9), replace `char name[30];` by `static char name[30];`.
- In question (13), the last line of part 1. should read “a pointer to this very structure with name next”.
- REPLACE question (19) by:
What is the meaning of the `volatile` qualifier as used in

```
volatile int device;
```

- REPLACE question (22) by:
Given the following type definitions

```
/* 26 elements each corresponds to a lower-case letter */
typedef struct element NodeType[26];
/* the elements */
typedef struct element
{ unsigned char is_word_end; /* this letter ends a word */
  NodeType *word_endings; /* words exist with more letters */
} ElementType;
```

Assume a pointer `node_ptr` to a node of type `NodeType` is declared as `NodeType *node_ptr;` and properly initialized to point to a `NodeType` object. Write a C code fragment which sets the `is_word_end` field corresponding to the letter 'e' to TRUE.

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