Pointers

This very short, very confusing program shows the type of code that programmers who become addicted to pointers in C can write. It also is an excellent exercise in using pointers; if you can read this and figure out what it prints, you will be able to read and understand (almost) any use of C pointers! This exercise is from Alan Feuer's marvelous book The C Puzzle Book.

```
char *c[] = {
      "ENTER",
      "NEW",
      "POINT",
      "FIRST"
};

char **cp[] = {  c+3, c+2, c+1, c };
char ***cpp = cp;

main()
{
      printf("%s", **++cpp );
      printf("%s ", *--*++cpp+3 );
      printf("%s", *cpp[-2]+3 );
      printf("%s\n", cpp[-1][-1]+1 );
}
```