

C PROGRAMMING

A Modern Approach SECOND EDITION

Instructor Resources

Answers to Exercises (Chapter 2)

1. Using the `-Wall` option, gcc displays the warning "control reaches end of non-void function." To make this warning go away, add a return statement:

```
#include <stdio.h>

int main(void)
{
    printf("hello, world\n");
    return 0;
}
```

6. As the example demonstrates, it can be difficult to determine the exact number of adjacent underscores in an identifier.

7.

- (a) Yes
- (b) No (if is a keyword)
- (c) No
- (d) No
- (e) Yes

9. `answer = (3 * q - p * p) / 3;`

10. Apart from the `#include` preprocessing directive, which needs to be on its own line, only three spaces are essential: one between `int` and `main`, one between `int` and `height`, and one between `return` and `0`.

Send comments to cbook@knking.com.