Programming Languages: Principles and Paradigms
12.2, 12.5, 12.9, 12.14

2.
The operators and their precedence for C is already provided on p. 43, table 2.4
Ada operators in ascending precedence:

- boolean
- relational
- add, subtract, concat
- negative, positive
- multiply, divide, mod
- power, not, absolute value

Perl operator precedence, ascending:

- or xor
- and
- not
- list ops
- , =>
- = += etc
- ?:
- .. ...
- || //
- &&
- | ^
- &
- == etc
- < > etc
- unary ops
- << >>
- + - .
- * / %
- =~ !~
- ! ~ unary + -
- **
- ++ --
- ->

5.
ANSI C introduced function prototypes, a more capable preprocessor, and a modified syntax to parameter declarations

9.
I did this in c++ (see my cnc_submitted file nqueens.cpp)

14.

Fibonacci sequence (not sure if this compiles):

```
procedure fibonacci (n : int) is
        if n = 0 then
                return 0;
        end if;
        if n = 1 then
                return 1;
        end if;
        declare x : int;
        declare y : int;
        x := 0;
        y := 1;
        z := 1;
        for i in 0 .. n
                y  := z
                x := y
                z := y + x
        end loop;
        return x;
end fibonacci;
```