Chapter 19

19.1 Read Section 19.2.3.

19.2 Use the following command sequence to identify the locations of the two commands in the file system and then the sizes of their text, data, and bss segments. We ran the session on our BSD system.

```
% whereis find
find: /usr/bin/find /usr/share/man/en.UTF-8/man1/find.1.gz
% whereis sort
sort: /usr/bin/sort /usr/share/man/en.UTF-8/man1/sort.1.gz
% size /usr/bin/find
   text        data         bss         dec         hex    filename
  44440        1232        4736       50408        c4e8    /usr/bin/find
% size /usr/bin/sort
   text        data         bss         dec         hex    filename
  52748        2656        4688       60092        eabc    /usr/bin/sort
%
```

19.3 Do it yourself.

19.4 Leslie Lamport.

19.5 Do it yourself.

19.6 Do it yourself.

19.7 No solution needed.

19.8 Do it yourself.

19.9 Here is the purpose of each call. Browse through their manual pages to find further details.

vfork — create a new process without copying the address space
rfork — manipulate process resources

19.10 No solution needed.

19.11 No solution needed.

19.12 No solution needed.

19.13 No solution needed.

19.14 No solution needed.

19.15 No solution needed.

19.16 No solution needed.