Section 4.10, p. 225: \#3, 4, 6, 7, 27(b,c)
Additional Problems:

1. Make a trace table for the linear search, search among $\{3,14,10,12,6,15,11,7\}$
a. search for 15
b. search for 5;
2. Make a trace table for the binary search, search among $\{3,6,7,10,11,12,14,15\}$
a. (a) search for 6
b. (b) search for 13
3. 

Find the final values of $j, s$, and $t$ after the following algorithm is executed.

```
\(j:=-2\)
\(s:=5\)
\(t:=10\)
while \(j \neq 3\)
    if \((j<0\) or \(j=2)\)
        then \(t:=t+j\)
        else \(s:=s-1\)
    \(j:=j+1\)
end while
```

(See back for flow chart for \#3)


