

6.2.4 a,b

6.2.14 a,b (justify your answer)

3.3.2

3.3.4

(Be sure to give the best big-O estimates you can.)

What does procedure Baz do? Give a good big-O estimate for its running time.

```
procedure BAZ( $a_1, \dots, a_n$ : integer list)
   $x \leftarrow$  false
   $y \leftarrow 0$ 
  for  $i \leftarrow 1$  to  $n$  do
     $y \leftarrow y + a_i$ 
  end for
  for  $j \leftarrow 1$  to  $n$  do
    if  $a_j = y$  then
       $x \leftarrow$  true
    end if
  end for
  return  $x$ 
end procedure
```