What is the big O value of each algorithm?

```
1.
                            2.
                                                           3.
                                                               + is + (value ) + in + (list ) +
                              +average + (list)+
                                                              for each (item) of (list
                              script variables sum
                                                               if (value) = (item)
                             for each item of list
                                                                report (true)
                              change sum ▼ by item
 + sum + 💌 + 🕡 +
 report x + y
                             report sum / length of list
                                                              report false
4.
                                   5.
                                        + find + the + number + num + in + sorted + list + list :
                                       script variables min max mid 🗤
                                       set min to 1
                                       set max to length of list
 + are + values + in + (list ) + distinct? +
                                       warp
                                        repeat until ( min > max
 script variables 🚺 🧻 🚾 rent 🗤
 repeat until (i > length of list
                                         set mid to round min + max / 2
  set current to item i of list
                                         if item mid of list > num
  set j to i + 1
                                          set max to mid - 1
                                         else
  repeat until (j > length of list
                                          if ( item (mid) of (list) < (num)
  if (current) = item (j) of list
                                           set min to mid + 1
   report false
   change j by 1
                                           report mid
  change i by 1
                                        report 0
 report true
```