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)
                                           else
   change j by 1
                                            report mid
  change i v by 1
                                         report 0
 report true
```