What is the big O value of each algorithm?

change i by 1

report (true)

1. O(1) - constant 2. O(n) - linear 3. O(n) - linear + is + value)+ in + (list)+ + average + (list)+ for each item of list script variables (sum) 🖡 for each (item) of (list if (value) = item report (true) change sum ▼ by item +sum+ 💌 + 🕎 + report sum / length of list report 🗶 🛨 y report false 4. O(n^2) - quadratic 5. O(logn) - logarithmic + 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 🚺 🧻 🕻 current) 🕕 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

report 0