Pseudocode of Big-O(n)

start calculating time

declaration of input size

declaration of list with random number between -10 to 10

sorting of list into ascending order

function bign(list)

while loop start

if absolute element of front list is greater than or equal to element of back list then

add element of front list into result list at last unoccupied index

increment front index

else if absolute element of front list is lower than element of back list then

add element of back list into result list at last unoccupied index

decrement back index

end of while loop

print result list

call of bign(list)

end calculating time

print execution time by end minus start