// Pseudocode for advanced word search in a sorted list of words

Input: words\_file, search\_word

Output: found or not\_found

start = 0

end = length of words\_list - 1

while start <= end:

mid = (start + end) // 2

if words\_list[mid] == search\_word:

print("Found")

return found

elif words\_list[mid] < search\_word:

start = mid + 1

else:

end = mid - 1

print("Not Found")

return not\_found