

Pseudocode:

Step 1: Start

Step 2: Def Linear Search:

Pass array & target as parameters.

Iterate over array:

if target found:

true.

else:

false.

Step 3: Def Sentinel Search:

Pass array & target as parameters.

array[len(arr)-1] = target.

While arr[i] != target:

i += 1.

Step 4: Def binary search:

Divide array in sub-arrays

check target in sub-arrays.

if found:

True.

else

False.

Step 5: Display Main menu

Step 6: According to users choice call that function.