**Task3**

- Given a sorted array of distinct integers and a target value, return the index if the target is found. If not, return the index where it would be if it were inserted in order.

=> **27-01-2024**

**Example 1**:

Input: nums = [1,3,5,6], target = 5

Output: 2

**Example 2:**

Input: nums = [1,3,5,6], target = 2

Output: 1

**Example 3**:

Input: nums = [1,3,5,6], target = 7

Output: 4

**Analysis:**

* Get index of the input value, if given input is inserted in the order.
* Declare nums and target as constant varialbes
* Write function to get parameter - target and nums
* Use for loop with condition as given value is greater than or equal to get in to condition and return the value
* Getting returned values length will be the output

**Flow chart:**



start - declaring const variables

write a function and get the declared parameter

Using for loop

Other method

No

Yes

writing condition to get targeted value.

return the index of nums input

End - log the return value for output

**Output:**

