# Algorithm for Linear Search in Python

Step1: Start

Step1: Initialize a list with predefined values.

Step2: Prompt the user to enter the element to search.

Step3: Call the find\_element function with the user input and the list as arguments.

Step4: Inside find\_element function.

Step5: Iterate through each index i in the list.

Step5: If the element at index i equals the target element.

Step6: Return a message stating "Element [element] found at index [i]".

Step7: If the element is not found after iterating through the entire list.

Step 8: Return a message stating "Element not found".

Step 9: Display the result returned by the find\_element function.

Step 10: End