```
def find_two_sum_indices(nums, target):
       # Initialize a dictionary to store the number and its index
       num_indices = {}
       # Iterate over the list of numbers
       for index, num in enumerate(nums):
           # Calculate the complement that we need to find
           complement = target - num
           # Check if the complement is already in the dictionary
           if complement in num_indices:
               # If found, return the indices
               return [num_indices[complement], index]
           # Otherwise, store the index of the current number
           num_indices[num] = index
       # In case no solution is found (not expected according to problem statement)
       return []
   # Input reading
   import sys
   input = sys.stdin.read
   data = input().strip().splitlines()
   # Read the list of integers
   nums = list(map(int, data[0].split()))
   # Read the target sum
   target = int(data[1])
   # Find and print the indices of the two numbers that add up to the target sum
   result = find_two_sum_indices(nums, target)
   print(result)
RESULT
 5 / 5 Test Cases Passed | 100 %
```