Logo

# STUDENT REPORT

## DETAILS

### Name

Kalyan kumar A

### Roll Number

22BI24ME434-T

## EXPERIMENT

### Title

TARGET SUM

### Description

You are given a list of integers, and your task is to write a function that finds the two numbers in the list that add up to a specific target sum. You need to return the indices of these two numbers.

Write a function that takes a list of Integers and a target sum as input and returns a list of two indices (0-based) of the numbers that add up to the target sum. Assume that there is exactly one solution, and you cannot use the same element twice

**Sample Input:**

2 7 11 15

9

**Sample Output:**

[0, 1]

**Source Code:**

```
lst=list(map(int,input().split()))
s=int(input())
ans=[]
for i in range(len(lst)):
    for j in range(i+1,len(lst)):
        if lst[i]+lst[j]==s:
            ans.append(i)
            ans.append(j)
print(ans)
```

## RESULT

0 / 5 Test Cases Passed | 0 %