



# STUDENT REPORT

## DETAILS

### Name

ALTAF BASHA

### Roll Number

TEMPBTech-ECE041

## 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:

```
A = list(map(int, input().strip().split()))
N= int(input())
my_set = set()
answer = []
notr = True

for i in range(0,len(A)):
    for j in range(i+1,len(A)):
        if (A[i]+A[j]) == N:
            answer.append(i)
            answer.append(j)
            break

print(answer)
```

## RESULT

5 / 5 Test Cases Passed | 100 %