

In [1]:

```
def find_sum(list_num, arr_size, sum):  
  
    # Fix the first element as list_num[i]  
    for i in range(0, arr_size-2):  
  
        # Fix the second element as list_num[j]  
        for j in range(i + 1, arr_size-1):  
  
            # Now look for the third number  
            for k in range(j + 1, arr_size):  
                if list_num[i] + list_num[j] + list_num[k] == sum:  
                    print("True")  
                    return True  
  
            else:  
                print("False")  
    # If we reach here, then no  
    # triplet was found  
    return False  
  
  
# Driver program to test above function  
list_num = [4, 5, 6, 5, 4]  
sum = 15  
arr_size = len(list_num)  
find_sum(list_num, arr_size, sum)
```

True

True

Out[1]:

In []: