Problem Challenge 1

We'll cover the following

Count of Subset Sum (hard)

Given a set of positive numbers, find the total number of subsets whose sum is equal to a given number 'S'.

Example 1:

```
Input: {1, 1, 2, 3}, S=4
Output: 3
The given set has '3' subsets whose sum is '4': {1, 1, 2}, {1, 3}, {1, 3}
Note that we have two similar sets {1, 3}, because we have two '1' in our input.
```

Example 2:

```
Input: {1, 2, 7, 1, 5}, S=9
Output: 3
The given set has '3' subsets whose sum is '9': {2, 7}, {1, 7, 1}, {1, 2, 1, 5}
```

Try it yourself

Try solving this question here:

Java | Python3 | C++ | JS

```python
def count_subsets(num, sum):
  #TODO: Write - Your - Code
  return -1


def main():
  print("Total number of subsets " + str(count_subsets([1, 1, 2, 3], 4)))
  print("Total number of subsets: " + str(count_subsets([1, 2, 7, 1, 5], 9)))


main()
```

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Minimum Subset Sum Difference (hard)

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Solution Review: Problem Challenge 1

Completed