Problem 3 Subset sum equal to target

```
def is_subset_sum(nums, target):
  n = len(nums)
  dp = [[False for _ in range(target + 1)] for _ in range(n + 1)]
  for i in range(n + 1):
    dp[i][0] = True
  for i in range(1, n + 1):
    for j in range(1, target + 1):
      if nums[i - 1] <= j:
         dp[i][j] = dp[i - 1][j] \text{ or } dp[i - 1][j - nums[i - 1]]
      else:
         dp[i][j] = dp[i - 1][j]
  return dp[n][target]
nums = [3, 34, 4, 12, 5, 2]
target_sum = 9
result = is_subset_sum(nums, target_sum)
if result:
  print("There exists a subset with the sum equal to the target.")
else:
  print("There is no subset with the sum equal to the target.")
                                                          input
There exists a subset with the sum equal to the target.
```

...Program finished with exit code 0

Press ENTER to exit console.