Use NIO Channels and Buffers to read content from a file and write to another file.

```
package wipro;
public class SubsetSum {
       // Returns true if there is a subset of set[] with a sum equal to the given sum
          static boolean isSubsetSum(int set[], int n, int sum) {
               // Create a boolean array to store the subset sum possibilities
               boolean dp[][] = new boolean[n + 1][sum + 1];
               // If the sum is 0, then the answer is always true (empty subset)
               for (int i = 0; i <= n; i++)</pre>
                   dp[i][0] = true;
               // If sum is not 0 and set is empty, then the answer is false
              for (int i = 1; i <= sum; i++)</pre>
                   dp[0][i] = false;
               // Fill the dp table in bottom-up manner
               for (int i = 1; i <= n; i++) {</pre>
                   for (int j = 1; j <= sum; j++) {</pre>
                       if (set[i - 1] > j)
                           dp[i][j] = dp[i - 1][j];
                       else
                           dp[i][j] = dp[i - 1][j] || dp[i - 1][j - set[i - 1]];
                   }
               }
              return dp[n][sum];
          }
          public static void main(String args[]) {
               int set[] = {3, 34, 4, 12, 5, 2};
               int sum = 9;
              int n = set.length;
               if (isSubsetSum(set, n, sum))
                   System.out.println("Found a subset with the given sum");
               else
                   System.out.println("No subset with the given sum");
          }
```

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 ☐ Task1.java ☐ Person.java ☐ WordFrequenc... ☐ Serializatio... ☐ NIOFileCopy... ☐ SubsetSum.java 🗵 🤭
                                                                                                                                                                   # wipro✓ O₂ SubsetSum
      package wipro;
    3 public class SubsetSum {
                                                                                                                                                                         ▲ s isSubsetSum(int[], int, int): boolean
• s main(String[]): void
                  // Returns true if there is a subset of set[] with a sum equal to the given sum
static boolean isSubsetSum(int set[], int n, int sum) {
   // Create a boolean array to store the subset sum possibilities
   boolean dp[][] = new boolean[n + 1][sum + 1];
                        // If the sum is 0, then the answer is always true (empty subset) for (int i = 0; i <= n; i++) dp[i][0] = true;
                        // If sum is not 0 and set is empty, then the answer is false for (int i = 1; i <= sum; i++) dp[\theta][i] = \mbox{false;}
                       // Fill the dp table in bottom-up manner for (int i = 1; i <= n; i++) {
    for (int j = 1; j <= sum; j++) {
        if (set[i - 1] > j)
            det[i][j] = dp[i - 1][j];
        else
                                   else

dp[i][j] = dp[i - 1][j] || dp[i - 1][j - set[i - 1]];
```