```
a.
      for (int i = 0; i < given.length; <math>i++) { //n
              for (int j = i+1; j < given.length; <math>j++) { //(n(n+1)/2)
                if (given[i] + given[j] == givenSum) { //(n(n+1)/2)}
                    return given[i] + " + " + given[j] + " = " +
givenSum + ", " + "true"; //1
                   }
      return "false";
      Total number of operations: n<sup>2</sup>+3n+2
      Time complexity: O(n^2)
b. for (int i = 0; i < given.length; <math>i++) { //n
          for (int j = i+1; j < given.length; <math>j++) { //n(n+1)/2
            for (int k = j+1; k < given.length; k++) { //n(n+2)/2
                 if (given[i] + given[j] + given[k] == key) { <math>//n(n+2)/2
                 return given[i] + "+" + given[j] + "+" + given[k] +
"=" + key + ", " + "true"; //1
            }
          }
      }
      return "false";
      Total Number of operations: 2n<sup>2</sup>+5n+2
      Time complexity: O(n<sup>3</sup>)
C. for (int i = 0; i < n; i++) { //n
            for (int j = 0; j < n; j++) { //n^2
                  double sum = 0; //n^2
```

Total Number of Operations: 2n³+2n²+n

Time complexity: O(n³)
Space complexity: O(n²)