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| **Problem Statement:**  You have to implement the concept of **Arrays** in Java. The final task is Find and return the average salary, number of salaries greater than the average salary and number of salaries lesser than the average salary from the salary array passed to the findDetails method.  You are given a class having main method and findDetails. You’ve been provided with a starter code which contains sub-tasks as defined below:  **Sub task 1:** Create array with salary details in main method  **Sub task 2:** Invoke findDetails method by passing array of salaries.  **Sub task 3:**. Calculate average of salaries by summing up all salaries divided by total no of salaries in findDetails  **Sub task 4:** Run through the array and take count of greater and lesser salaries  **Sub task 5:** Return the result to the details array created in main method  Sub task 6: Display the average salary, lesser salaries, greater salaries as array  **Note:**  1. Do not remove the predefined code else your code may not execute as expected.  2. You’ve to solve the problem using **Array** ONLY. Solving through any alternate method other than the Arrays may lead to disqualification. |
| **Input Format:**  First line contains N inputs to provide size for array  Next N lines contain salaries to store in array  **Output Format**  Return a double array containing average salary in index position 0, number of salaries greater than the average salary in index position 1 and number of salaries lesser than the average salary in index position 2. |
| **Sample Input:**  5  23500.0  25080.0  28760.0  22340.0  19890.0  **Sample Output:**  {23914.0,2.0,3.0} |
| **Test Case 1 :**  **Input:**  4  23495.0  22434.0  23533.0  43333.0  **Output:**  {28198.75,3.0,1.0}  **Test Case 2:**  **Input:**  3  64733.0  43344.0  24444.0  **Output:**  {44173.6,1.0,2.0} |