**Time- 25 minutes**

A university records student **quiz scores** in a **2D matrix**, where each **row** represents a different **student** and each **column** represents a different **quiz**. The university wants to analyze the **difficulty trend** of the quizzes. To do this, they need you to **decrypt the performance data** using the following steps:

1. **Compute the average score for each quiz .**
2. **Find the difference between consecutive quiz averages** to determine if quizzes are getting harder or easier.
3. **Return the list of differences**, which will be used to adjust future quiz difficulties.

| **Sample Input** | **Sample Output** |
| --- | --- |
| 85 90 78  88 85 80  75 95 85  92 88 82 | **[ 4.5 -8.25]**  **Explanation:**  Quiz 0 avg = (85 + 88 + 75 + 92) / 4 = 85.0  Quiz 1 avg = (90 + 85 + 95 + 88) / 4 = 89.5  Quiz 2 avg = (78 + 80 + 85 + 82) / 4 = 81.25  Quiz 1 - Quiz 0 = 89.5 - 85.0 = 4.5  Quiz 2 - Quiz 1 = 81.25 - 89.5 = -8.25 |

**Time- 25 minutes**

A company records **monthly sales** of multiple products in a **2D matrix**, where each **row** represents a different **month** and each **column** represents a different **product**. Each value represents the **sales revenue** for that product in that month.

To analyze **sales trends**, decrypt the data as follows:

1. **Compute the total sales for each product .**
2. **Find the percentage contribution of each product to total sales.**
3. **Compute the difference between consecutive product percentages.**

| **Sample Input** | **Sample Output** |
| --- | --- |
| 100 200 300  150 250 350  120 180 290 | **[13.40 15.98]**  **Explanation**  Product 0: 100 + 150 + 120 = 370  Product 1: 200 + 250 + 180 = 630  Product 2: 300 + 350 + 290 = 940  Total Sales = 370 + 630 + 940 = 1940  Product 0: (370 / 1940) \* 100 = 19.07%  Product 1: (630 / 1940) \* 100 = 32.47%  Product 2: (940 / 1940) \* 100 = 48.45%  Product 1 - Product 0 = 32.47 - 19.07 = 13.40  Product 2 - Product 1 = 48.45 - 32.47 = 15.98 |