**LOGIC BEHIND PART-1:**

**1. Array Initialization**

Initialize two arrays `a` and `b` representing the faces of two dice. Create a 2D array `c` to store the sum of each pair of faces from `a` and `b`. Initialize variables `size`, `count`, and `temp`.

**2. Generate Pairs and Calculate Sums**

Use nested loops to iterate over each face of dice `a` and `b`. For each pair, calculate the sum and store it in the 2D array `c`. Increment the `count` to keep track of the total number of pairs.

**3. Display Total Count**

Print the total count of pairs.

**4. Calculate Frequency of Sums**

Create an array `frequency` to store the frequency of each sum from 2 to 12. Iterate over each element in the 2D array `c`. Update the `frequency` array based on the sums.

**5. Display Frequencies**

Iterate over the sums from 2 to 12. Print the frequency of each sum along with the total number of pairs.

The algorithm essentially generates all possible pairs of faces from dice `a` and `b`, calculates the sum of each pair, and then determines the frequency of each sum.