1. **Set Matrix Zero**

**Brute Force:**

|  |  |
| --- | --- |
| TC: O(N) | O((N\*M)**2**\*(N+M)) |
| SC: O(1) | No extra space used |

|  |
| --- |
| Mistakes |
| 1. Always forgot to replace element with any random number instead of 0. 2. Always forget to what will the row and column. 3. In rowzero function for loop will iterate till column. 4. In columnzero function for loop will iterate till row. |

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**O(M)**

**O(N)**

**O(N\*M)**

**O(N\*M)**



**Better Approach:**  Using 2 Arrays for row and col  
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**Optimized Approach**: Using single variable to avoid collapsing

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1. **Pascal Triangle**

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