Problem Link:

<https://leetcode.com/problems/find-missing-and-repeated-values/>

Solution:

class Solution {

public:

vector<int> findMissingAndRepeatedValues(vector<vector<int>>& grid) {

int n = grid.size();

int expectedSum = n \* n \* (n \* n + 1) / 2;

int actualSum = 0;

unordered\_set<int> s;

int r = -1;

for(int i = 0; i < n; i++)

{

for(int j = 0; j < n; j++)

{

int num = grid[i][j];

actualSum += num;

if(s.count(num))

{

r = num;

}

else

{

s.insert(num);

}

}

}

int missing = expectedSum - actualSum + r;

return {r, missing};

}

};