1. **Flipping an Image**

Given a binary matrix A, we want to flip the image horizontally, then invert it, and return the resulting image.

To flip an image horizontally means that each row of the image is reversed.  For example, flipping [1, 1, 0] horizontally results in [0, 1, 1].

To invert an image means that each 0 is replaced by 1, and each 1 is replaced by 0. For example, inverting [0, 1, 1] results in [1, 0, 0].

我的解决方案：

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| vector<vector<int>> B(A);  int i\_num = A.size(),j\_num = A[0].size();  for(int line = 0; line < i\_num; line++) {  for(int i = 0,j = j\_num - 1; i <= j; i++,j--) {  if(B[line][i] + B[line][j] == 0)  B[line][i] = B[line][j] = 1;  else if(B[line][i] + B[line][j] == 2)  B[line][i] = B[line][j] = 0;  }  }  return B; |
| 运行效率：  Runtime: 16 ms, faster than 100.00% of C++ online submissions for Flipping an Image.  Memory Usage: 9.8 MB, less than 100.00% of C++ online submissions for Flipping an Image. |
| 此类题型的解决方法:对于0,1类型的题目，可以忽略中间的步骤，直接穷举出最终的结果。 |