Problem Link:

<https://leetcode.com/problems/binary-watch/?envType=daily-question&envId=2025-06-05>

Solution:

class Solution {

public:

vector<string> readBinaryWatch(int turnedOn) {

vector<string> result;

for(int h = 0; h < 12; ++h)

{

for(int m = 0; m < 60; ++m)

{

if(\_\_builtin\_popcount(h) + \_\_builtin\_popcount(m) == turnedOn)

{

char time[6];

sprintf(time, "%d:%02d", h, m);

result.push\_back(time);

}

}

}

return result;

}

};