

php-template

Copy code

```
n m
<row1>
<row2>
...
<row n>
```

Each row is a **string of length m** made of `'0'` and `'1'`.

How to take this input in C++

Method 1 — Read each row as a string

This is the MOST COMMON way.

cpp

Copy code

```
int n, m;
cin >> n >> m;

vector<string> grid(n);
for (int i = 0; i < n; i++) {
    cin >> grid[i]; // reads a string of length m
}
```

Now:

- `grid[i][j] == '1'` → ball is present
 - `grid[i][j] == '0'` → empty
-

Method 2 — Convert to int grid

If you want numeric grid:

cpp

Copy code

```
int n, m;
cin >> n >> m;

vector<vector<int>> grid(n, vector<int>(m));
```