```cpp
#include <iostream>
using namespace std;

int main() {
 int m, n;
 cin >> m >> n;
 int** p = new int*[m];
 for (int i = 0; i < m; i++) {
  p[i] = new int[i + 1];
  for (int j = 0;j <n; j++) {
   cin >> p[i][j];
  }
 }

 for (int i = 0; i < m; i++) {
  delete [] p[i];
 }
 delete [] p;
}
```