Code : C++

```cpp
#include <iostream>
#include<bits/stdc++.h>
using namespace std;

void fr1(int n, int m)
{
    for(int i=0;i<m;i++)
    {
        cout<<i+1<<" ";
        cout<<endl;
    }
    int fcd=1+n+1;
    for(int i=1;i<n;i++)
    {
        int mm=fcd;
        cout<<mm<<" ";
        for(int j=1;j<m;j++)
        {
            cout<<mm+i+1<<" ";
            mm+=i+1;
        }
        fcd+=n+1;
        cout<<endl;
    }
}

void fr2(int n,int m)
{
    int ss;
    for(int i=0,a=m+1;i<n;i++,a++)
    {
        ss=i+1;
        cout<<ss<<" ";
        for(int j=1;j<m;j++)
        {
            cout<<ss+a<<" ";
            ss+=a;
        }
        cout<<endl;
    }
}
```

```cpp
int main() {
  // your code goes here
  int t;
  cin>>t;

  while(t--)
  {
     int n,m;
     cin>>n>>m;
     if(n<m)
     {
        fr1(n,m);
     }
     else{
        fr2(n,m);
     }
  }
  return 0;
}
```