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#include <stdio.h>
#include <stdlib.h>
#define N 6
#define M 4

int read(int [][][M], int, int);      //read 2 dim array specify rows and cols
void print(int [], int);

int main(int argc, char *argv[])
{
    int a[N][M];
    int i, r;
    if((r = read(a, N, M))>0)
    {
        for(i = 0; i < r; i++)
        {
            printf("\n");
            print(a[i], M);          //only if successful read
        }
    }
    return 0;
}

// return int 0 means fail (not opened) non 0 meand success and number of rows (opened and
// read)
int read(int x[][M], int r, int c)
{
    int d, i, j;
    FILE *infile;
    i = 0;
    infile = fopen("input.txt", "r");
    if(infile != NULL)
    {
        fscanf(infile, "%d", &d);
        while (!feof(infile) && i < r)
        {
            for(j = 0; j < c; j++)
            {
                x[i][j] = d;
                fscanf(infile, "%d", &d);
            }
            i++;
        }
        fclose(infile);
    }
    return i;
}

void print(int z[], int c)
{
    int j;
    for(j = 0; j < c; j++)
    {
        printf("%d\t", z[j]);      //row of data
    }
}
```