

Answer - Fancy Hotel A

```
#include <stdio.h>
#include <stdlib.h>
#include <ctype.h>
#include <string.h>
#include <math.h>

int main()
{
    int n,m,x;
    x=scanf("%d %d",&n,&m);
    if(x<0)
    {
        return 1;
    }
    float male=0,female=0,none=0;
    int gender[n][m];
    for(int i=0;i<n;i++)
    {
        for(int j=0;j<m;j++)
        {
            x=scanf("%d",&gender[i][j]);
            if(x<0)
            {
                return 1;
            }
            if(gender[i][j]==1)
            {
                female++;
            }
            else if(gender[i][j]==0)
            {
                male++;
            }
            else
            {
                none++;
            }
        }
    }
    printf("%f %f", (male/(n*m))*100, (female/(n*m))*100);
}
```