

Write a program to read two dimension array A[n][m] and the compute the following operations:

- 1- The number of even position elements in A.
- 2- The summation of A's elements.

```
#include <iostream>
using namespace std;
void read2D(int[10][10], int, int);
void sum(int[10][10], int, int, int&);
void countPE(int[10][10], int, int);
void main()
{
    int n, m, s, a[10][10];
    cout << "Enter N , M" << endl;
    cin >> n >> m;
    read2D(a, n, m);
    sum(a, n, m, s);
    cout << s << endl;
    countPE(a, n, m);
}
void read2D(int a[10][10], int n, int m)
{
    for (int i = 0;i < n;i++)
        for (int j = 0;j < m;j++)
        {
            cout << "Enter Array 2D : "<<"a["<<i<<"]["<<j<<"]=" << endl;
            cin >> a[i][j];
        }
}
```

```
void sum(int a[10][10], int n, int m, int& s)
{
    int i, j;  n= 2, m=3
    s = 0;
    for (i = 0;i < n;i++) ;
        for (j = 0;j < m;j++)
            s = s + a[i][j];
}

void countPE(int a[10][10], int n, int m)
{
    int c = 0;
    for (int i = 0;i < n;i++)
        for (int j = 0;j < m;j++)
            {
                if ((a[i][j] % 2 == 0) && (a[i][j] > 0))
                    c++;
            }
    cout << c << endl;
}
```