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//Passing static-memory arrays to functions
#include<iostream.h>

int sum(int [],int);
int sum(int [][][2],int);

int main()
{
    int A[5] = {0,1,2,3,4};
    int B[2][2] = {{1,2},{3,4}};
    int Sum = sum(A,5);
    cout << "The sum of A is: " << Sum << endl;
    cout << "The sum of B is: " << sum(B,2) << endl;
    return 0;
}

int sum(int B[], int Size)
{
    int total = 0;
    for(int i =0; i<Size; i++)
        total += B[i];
    return total;
}

int sum(int B[][2], int nrows)
{
    int total = 0;
    for(int i =0; i<nrows; i++)
        for(int j=0; j<2; j++)
            total += B[i][j];
    return total;
}
```