

```

1                                     for loopnum in range(1..100):
2                                     sum += aaa

function X = BitXorMatrix(A,B)
% function to comput the sum without charge of two vectors

    % convert elements into unsigned integers
    A = uint8(A);
    B = uint8(B);

    m1 = length(A);
    m2 = length(B);
    X = uint8(zeros(m1,m2));
    for n1 = 1:m1
        for n2 = 1:m2
            X(n1,n2) = bitxor(A(n1), B(n2))
        end
    end

```