

```

function BER = ComputeBER(bit_seq,rec_bit_seq)
%
% Inputs:
%   bit_seq:      The input bit sequence
%   rec_bit_seq:  The output bit sequence
% Outputs:
%   BER:          Computed BER
%
% This function takes the input and output bit sequences and computes the
% BER

%%% WRITE YOUR CODE HERE
compared_mat = (bit_seq ~= rec_bit_seq);
errors = sum(compared_mat);
BER = errors / length(compared_mat);
%%%

```