| CODE: a = input("Enter First Signal for Linear Convolution: ");%[1 2 3 -3 0 -1 4] b = input("Enter Second Signal for Linear Convolution: ");%[1 2 3 1]  circular\_a = input("Enter First Signal for Circular Convolution: ");%[1 -2 3 1] circular\_b = input("Enter Second Signal for Circular Convolution: ");%[1 4 2 3]  cref = conv(a,b) subplot(2,1,1) stem(cref,'filled') title('Linear Convolution of x and y')  c = cconv(circular\_a, circular\_b,4) subplot(2,1,2) stem(c,'filled') title('Circular Convolution of x and y') |  |
| --- | --- |
|  |  |

**CONCLUSION:** We learnt about in build MATLAB functions for signal plotting and used them to implement Linear and Circular Convolution.

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**BATCH: A2**