PRACTICAL No. 2

Aim: Circular Convolution expressed as Linear Convolution plus alias.

Code:

```
clc ;
x =[1,2;3,4];
h=[5,6;7,8];
y=conv2(x,h);
y1=[y(:,1)+y(:,$),y(:,2) ];
y2=[y1(1,:)+y1($,:);y1(2,:)];
disp(y, 'Linear Convolution Result: y=');
disp(y2 , 'Circular Convolution expressed as Linear Convolution =' );
```

Output:

```
Linear Convolution Result: y=

    5.    16.    12.
    22.   60.    40.
    21.   52.    32.

 Circular Convolution expressed as Linear Convolution =

    70.   68.
    62.   60.
```