Practical 2

Aim: Circular Convolution expressed as Linear Convolution plus alias

Example 1

Code:

```
clc;
pramod_x=[1,2;3,4];
pramod_h=[5,6;7,8];
pramod_y=conv2(pramod_x,pramod_h);
pramod_y1=[pramod_y(:,1)+pramod_y(:,$),pramod_y(:,2)];
pramod_y2=[pramod_y1(1,:)+pramod_y1($,:);pramod_y1(2,:)];
disp(pramod_y,"Pramod Joshi 248637 Linear Convolution Result: y=");
disp(pramod_y2,"Circlular COnvolution expressed as Linear Convolution=")
```

Output:

```
Pramod Joshi 248637 Linear Convolution Result: y=

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

Circlular COnvolution expressed as Linear Convolution=

   70.   68.
   62.   60.
```