

## PRACTICAL No. 4

**Aim:** Perform DFT of a 4x4 gray scale image.

**Code:**

```
clc;  
x=[1,1,1,1;1,1,1,1;1,1,1,1;1,1,1,1];  
X=fft(x,-1);  
disp(X,"X[k]=");
```

**Output:**

X[k]=

16.	0.	0.	0.
0.	0.	0.	0.
0.	0.	0.	0.
0.	0.	0.	0.