

Experiment 8

Time shifting a signal

Signal Delay/Advance

```
X = 1:7;  
Y = 0:6;  
subplot(131),stem(X,Y),title('ORIGINAL SIGNAL');
```

Delay signal by 2 units

```
shift = 2;  
subplot(132),stem(X+shift,Y),title('DELAYED SIGNAL');
```

Advance signal by 2 units

```
shift = -2;  
subplot(133),stem(X+shift,Y),title('ADVANCED SIGNAL');
```

