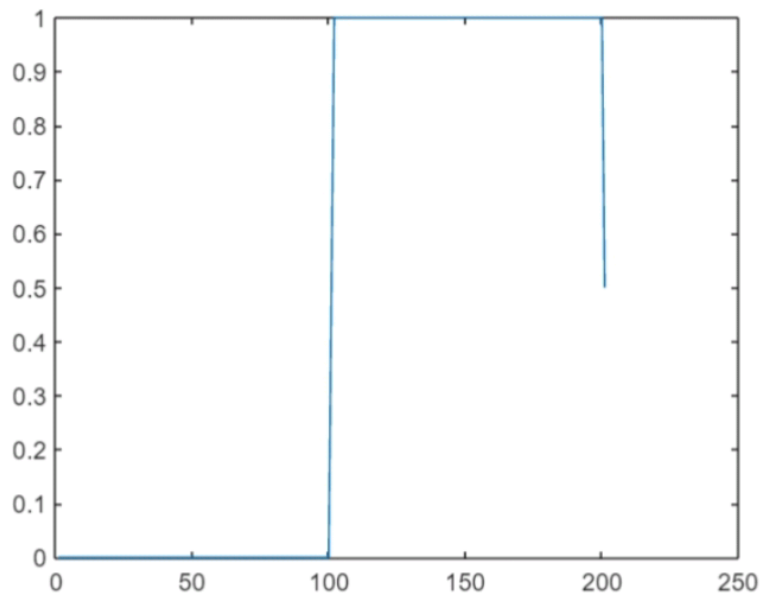


```
%%example-----1
```

```
x=heaviside(t)-heaviside(t-1)
```

```
x = 1×201  
    0    0    0    0    0    0    0    0    0    0    0    0    0 ...
```

```
plot(x);
```

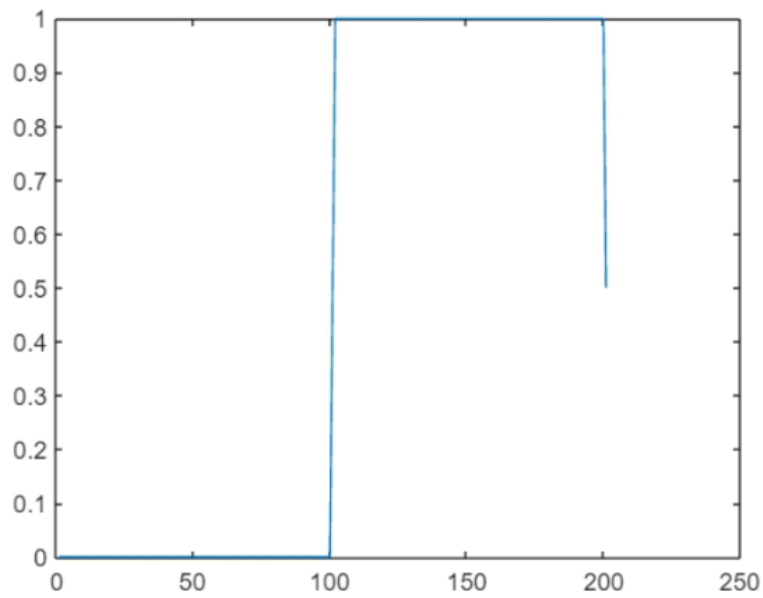


```
h=heaviside(t)-heaviside(t-1)
```

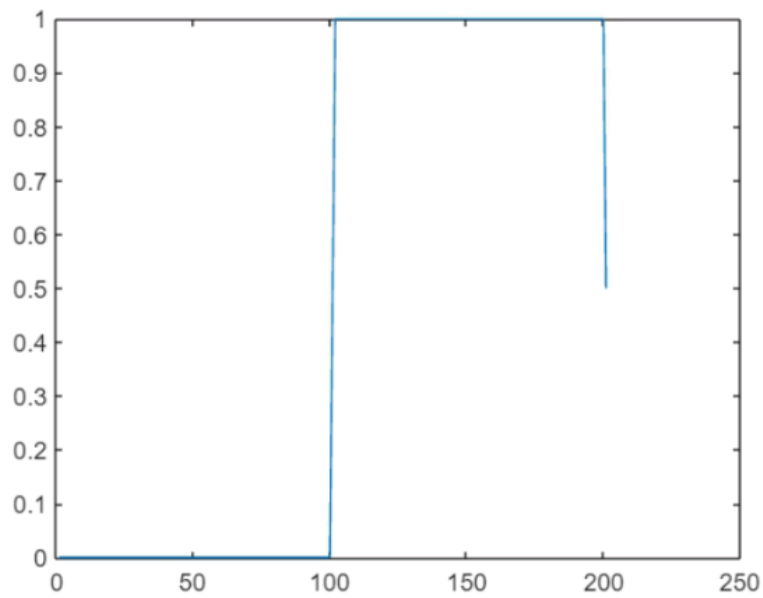
```
h = 1×201
```

0 0 0 0 0 0 0 0 0 0 0 0 0 ...

```
plot (x);
```



```
plot (h);
```



```
y = conv(x,h);
```

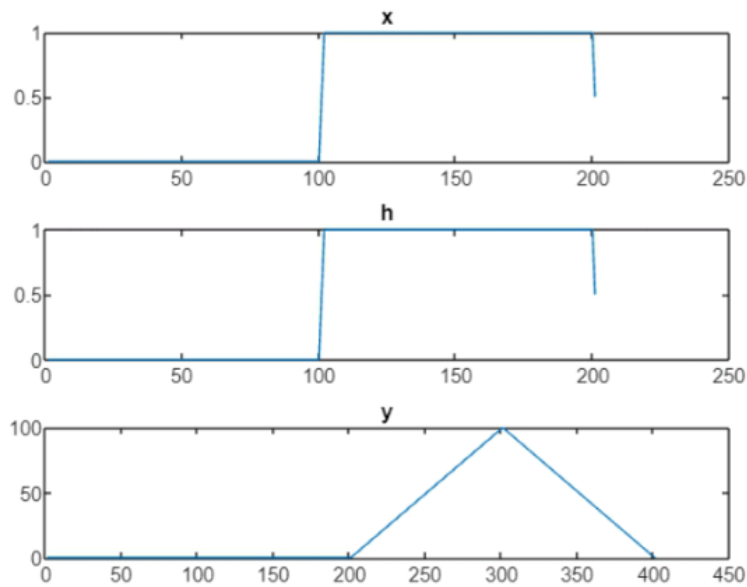
```
subplot(3,1,1)
```

```

plot(x)
title('x')
subplot(3,1,2)
plot(h)
title('h')

subplot(3,1,3)
plot(y)
title('y')

```



```

%%EXP-----2
x1= heaviside(t)-heaviside(t-1)

```

```

x1 = 1×201
    0    0    0    0    0    0    0    0    0    0    0    0    0 ...

```

```

h1 = heaviside(t-1)- heaviside(t-3)

```

```

h1 = 1×201
    0    0    0    0    0    0    0    0    0    0    0    0    0 ...

```

```

y1 = conv(x,h);

```

```

subplot(3,1,1)
plot(x1)
title('x1')

```

```

subplot(3,1,2)
plot(h1)

```

```
title('h1')  
  
subplot(3,1,3)  
plot(y1)  
title('y1')
```

