**Practical 1**

**Unit Impulse:-**

**Input:**

clc;

clf;

clear all;

L=input("Enter Length of Signal");

n=-L:L;

xn=[zeros(1,L),ones(1,1),zeros(1,L)];

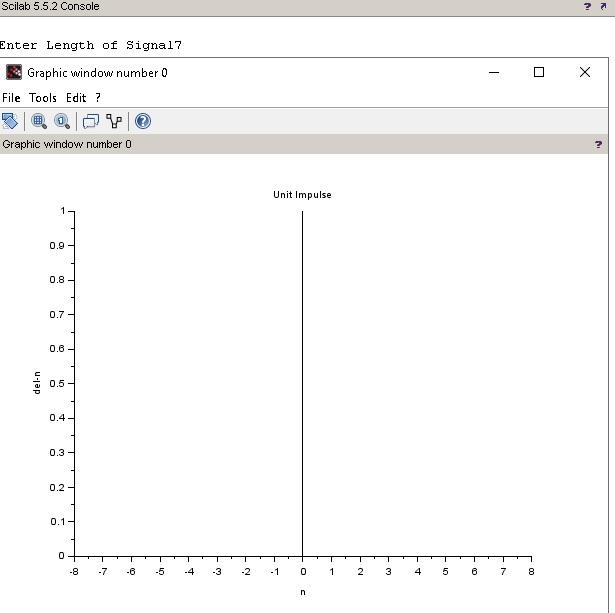
plot2d3(n,xn);

title("Unit Impulse");

xlabel("n");

ylabel("del-n");

**Output:**

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**Unit Step:-**

**Input:**

clc;

clf;

clear all;

L=input("Enter Length of Signal");

n=-L:L;

xn=[zeros(1,L),ones(1,L+1)];

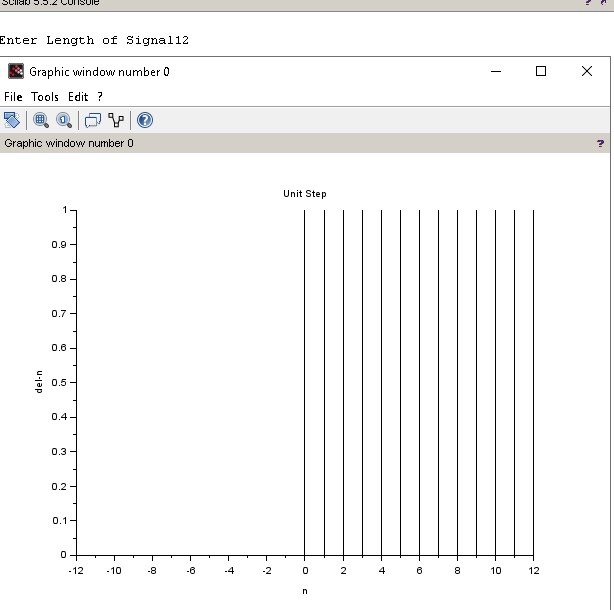
plot2d3(n,xn);

title("Unit Step");

xlabel("n");

ylabel("del-n");

**Output:**

****

**Ramp Signal:-**

**Input:**

clc;

clf;

clear all;

L=input("Enter Length of Signal");

n=-L:L;

xn=[zeros(1,L),0:L]

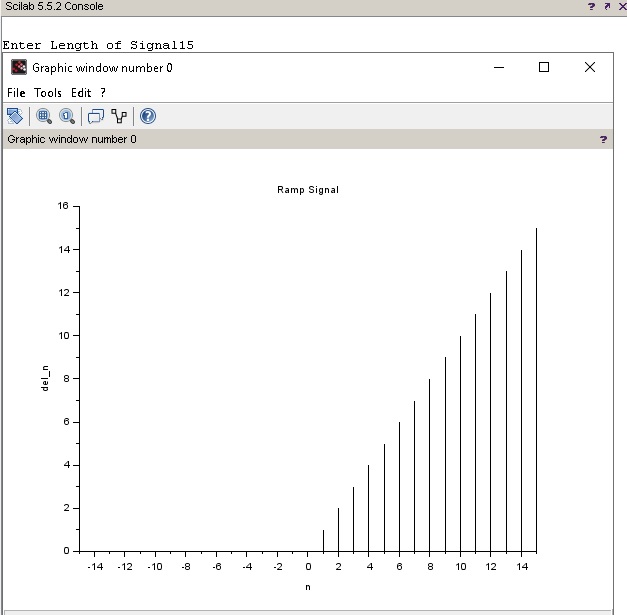
plot2d3(n,xn)

title("Ramp Signal");

xlabel("n");

ylabel("del\_n");

**Output:**

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**Exponential Signal:-**

**Input:**

clc;

clf;

clear all;

L=input("Enter Length of Signal");

b=input("Enter coeff:");

n=-2:0.1:2;

xn=exp(b\*n);

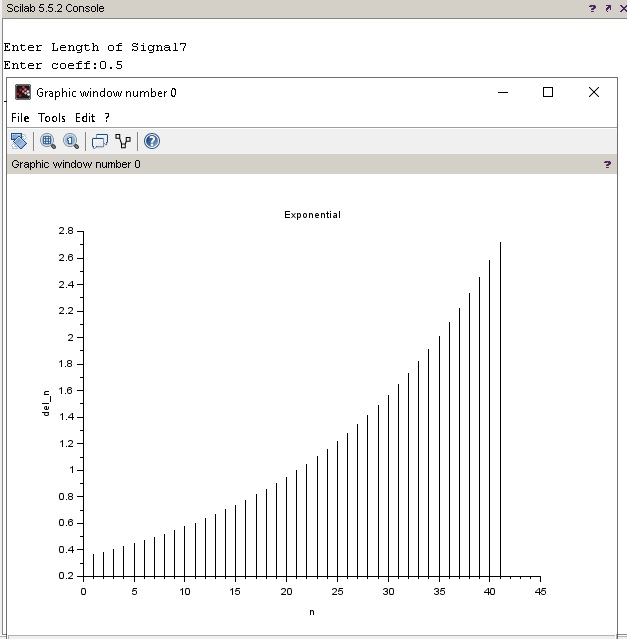
plot2d3(xn);

title("Exponential")

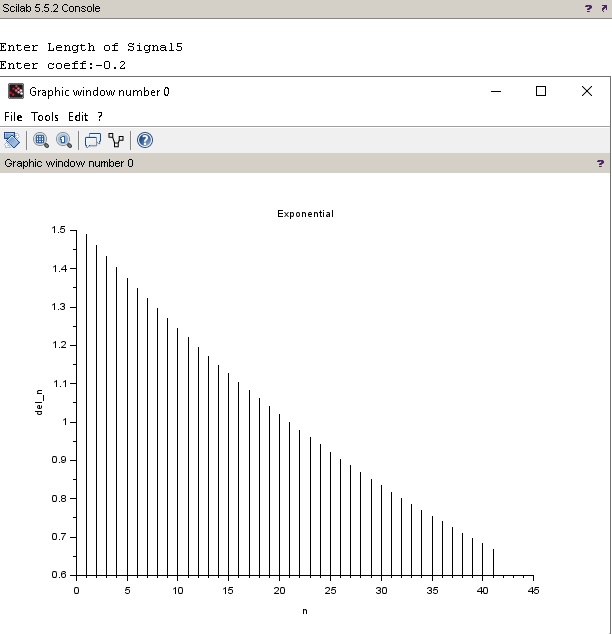
xlabel("n");

ylabel("del\_n");

**Output 1:**

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**Output 2:**

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