**Code:**

clc;

clear all;

close all;

pr=-32;

pt=3;

sm=6;

alpha=0.3;

c\_loss=2;

j\_loss=2;

L=60;

f\_loss=L\*alpha;

pl=pt-pr;

totalp\_loss=f\_loss+(2\*(j\_loss+c\_loss)+sm+c\_loss)

x=0:1:L;

for i=0:L

y(i+1)=2-0.3\*i;

end

plot(x,y)

grid on

title('Attenuation v/s Length')

xlabel('Length')

ylabel('Attenuation')

**Output:**

totalp\_loss = 34

