```matlab
% Function M File%

function [slope,distance]=slop(x1,x2,y1,y2)

slope=(y2-y1)/(x2-x1);
distance=sqrt((y2-y1)^2+(x2-x1)^2);


end




% Script M File%


x1=3; x2=5; y1=7; y2=8;

[slope,distance]=slop(x1,x2,y1,y2);
disp([slope,distance]);
```