Firefox about:blank

sample.m

```
1 clc
 3 close all
 5 clear all
 7 X=input("Enter the values of 'X' in columns");
8 Y=input("Enter the values of 'Y' in columns");
 9 p=[X Y];
10
11 [m,n]=size(p);
13 A=[p(1,1) 1];
14 for i=2:m
15 A=[A;p(i,1) 1];
16 end
17
18 X=p(:,1);
19 Y=p(:,2);
20 B=p(:,2);
21 scatter(X,Y);
23 x=pinv(A)*B;
24 a=zeros([2,1]);
26 a(i,1)=x(i,1);
27 end
25 for i=1:2
28
29 X1=0:0.1:5;
30 Y1=a(1,1)*X1 + a(2,1);
31 hold on;
32 plot(X1,Y1,"r");
34
```

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