

```
commandwindow  
clear  
clc
```

```
phil = xlsread('regress')  
x1 = phil(:,1);  
x0 = phil(:,4);  
y = phil(:,3);  
x = [x0 x1]  
mira = regress(y,x)  
a0 = mira(1)  
a1 = mira(2)  
ysim = a0+(a1*x1)  
p = corr(y,ysim)  
p_sq = p^2
```