```matlab
function test
```

$$e^{\pi i} + 1 = 0$$

```matlab
T=
 [0.00,100.00,200.00,300.00,400.00,500.00,600.00,700.00,800.00,900.00,1000.00,1100
rho=[9.08,9.04,9.00,8.96,8.91,8.87,8.82,8.76,8.71,8.65,
 8.58,8.51,8.44];



rho_cu = @(a, T) a(1)*T+ a(2);
guess = [0, 9];
beta = nlinfit(T, rho, rho_cu, guess)

t_300 = rho_cu(beta, 300)
t_1200 = rho_cu(beta, 1200)

(t_1200 - t_300)/t_300

end

clc %clearning screen
clear all %clearing previous stored variables
close all %closing previous plots
```

Error using dbstatus
Error: File: C:\Users\navneet\Documents\Walker reading notes\Homwork
\Homework 3\test.m Line: 23 Column: 1
This statement is not inside any function.
(It follows the END that terminates the definition of the function
"test".)

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