

- older
- me
- eeemi.m
- eerah.m
- eerah66.m
- gnment1.m
- gnment2.m
- ny1.m
- ompleted1.m
- th3.m
- th4.m
- file to view details
- ue
- 000...
- (x)(...
- 0.1...
- 994
- 994

Command Window

```
xnew =  
1.5530  
  
xnew =  
6.8320  
  
xnew =  
1.1994  
  
tablo =  
Columns 1 through 2  
50.0000 1.1994  
Column 3  
0.0000
```

fx>>

Editor - C:\Users\usman gift amira\Documents\engine.m

```
assignment1.m x maths1.m x CHE362.m x assingment1.m x euler.m x LMS.m x engine.m  
1 commandwindow  
2 clear  
3 clc  
4 close all  
5 f=@(x) (exp(0.5*x) + (4-x)^2) / (0.5*exp(0.5*x) + (4-x) - (exp(0.5*x))) %  
6 x=0.5; %  
7 error=1e-21; %  
8 for iteration=1:50 %  
9     xnew=f(x)  
10     if abs(xnew-x)>error  
11         x=xnew;  
12     else  
13         break  
14     end  
15 end  
16 tablo=[iteration' xnew' error']
```