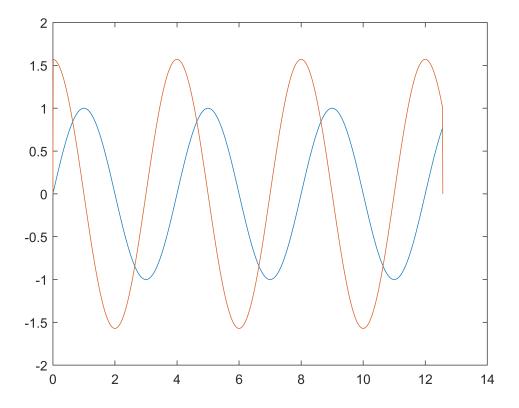
Numerical Analysis Homework - Derivatives

Question #1:

Write a program to find f'(x) at x and plot.



```
% yP
% fp = derivH(f,x)
% y = f(x)
% yp = derivH(f,x)
% plot(f)
```

Find f" for this bitch

```
% x = [0.0,0.1,0.2,0.3,0.4,0.5,0.6,0.7,0.8,0.9,1.0]
% f = @(x) sin(Pi/2*x)/sqrt(x+1)
% fp = derivH(f,x)
% y = f(x)
% yp = derivH(f,x)
% plot(f)
```