

```
f = @(x) ((x-5)^5)*x;  
fp =@(x) (5*(x-5)^4)*x + (x-5)^5;  
x = 200;  
for i = 0:5  
    xo = x;  
    x = x - 5*f(x)/fp(x);  
    disp('      i      x      |x-x0|      f(x)');  
    disp([i x abs(x-xo) f(x)]);  
  
end
```