function [fp,x]=fixedpoint(g,x0,itmax,tol)Output: Input: [fp,x]=fixedpoint(g,x0,itmax,tol)X<sub>0</sub> tol itmax output array with record of entire iteration approximation of fixed point max number of function initial point tolerance for stopping criterion name of the truction iterations for iteration toud in webs, to On to

x(1) = x0;x(i+1)=g(x(i));i=1:itmaxloop = iterations -. 0

if abs(x(i+1)-x(i)) < tolfp=x(i+1);the program CX.

fp=x (end)

display('Last iteration reached without convergence')

component of the charg X

Owwent

end

end

return

return