```matlab
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%ROLL NO:TYMEB228
%BATCH:B4

f=inline('exp(x)*cos(x)-1.2');
df=inline('exp(x)*(cos(x)-sin(x))');
ddf=inline('(-2)*exp(x)*sin(x)');

x1=input('Enter initial value:');
acc=input('Enter the accuracy:');
while f(x1)*ddf(x1)/df(x1)^2>1
    x1=input('Enter initial value again');
end
x2=x1-f(x1)/df(x1)
while abs(x2-x1)>acc
    x1=x2
    x2=x1-f(x1)/df(x1)
end
fprintf('Root of equation x2= %f',x2)
```