f=inline('(x^2+8\*x-4)');

x1=input('enter the value of x1:');

x2=input('enter the value of x2:');

n=input('enter the number of iteration:');

y1=f(x1)

y2=f(x2)

while((y1\*y2)>0)

x1=input('enter the value of x1 again:');

x2=input('enter the value of x2 again:');

y1=f(x1)

y2=f(x2)

end

for i=1:n

x3=(x1+x2)/2

y3=f(x3)

if((y1\*y3)<0)

x2=x3

y2=y3

else

x1=x3

y1=y3

end

end

fprintf('print root x3=%f',x3)