>> BisectionmethodAssignment2

enter the value of x1:0

enter the value of x2:1

enter the number of iteration:8

y1 =

-4

y2 =

5

x3 =

0.5000

y3 =

0.2500

x2 =

0.5000

y2 =

0.2500

x3 =

0.2500

y3 =

-1.9375

x1 =

0.2500

y1 =

-1.9375  
  
x3 =

0.3750

y3 =

-0.8594

x1 =

0.3750

y1 =

-0.8594

x3 =

0.4375

y3 =

-0.3086

x1 =

0.4375

y1 =

-0.3086

x3 =

0.4688

y3 =

-0.0303

x1 =  
  
 0.4688

y1 =

-0.0303

x3 =

0.4844

y3 =

0.1096

x2 =

0.4844

y2 =

0.1096

x3 =

0.4766

y3 =

0.0396

x2 =

0.4766

y2 =

0.0396

x3 =

0.4727

y3 =

x2 =

y2 =

0.0047

0.4727

0.0047

print root x3=0.472656>>