Programming and Numerical Analysis (A)

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Problem 15
Obtain a positive root of the next equation,

$$f(x) = x^2 - 3 = 0,$$

numerically by use of both Bisection method and Newton-Raphson method where the number of iterations is 10.

Upload both the answers with your programs to OCW-i by the end of this week.

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The positive root of f(x)=x^2-3=0
Using Bisection Method: 1.731934
Using Newton-Raphson Method: 1.732051

Press ENTER or type command to continue
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