Output

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Anjali Rana\OneDrive\Desktop\vs code\CBNST 5th sem> cd "c:\Users\Anjali Rana\OneD
) { gcc prog16.c -o prog16 } ; if ($?) { .\prog16 }
Enter the intitial values of x and y(x0 and y0): 0 1
Enter the value of x: 0.1
Enter the number of iteartions/steps: 5

Value of y1 is: 1.020000
Value of y2 is: 1.038491
Value of y3 is: 1.056306
Value of y4 is: 1.073490
Value of y5 is: 1.090081

The value of Equation is: 1.090081
PS C:\Users\Anjali Rana\OneDrive\Desktop\vs code\CBNST 5th sem>