**Scientific Computing Lab MA – 322 Lab – 10**

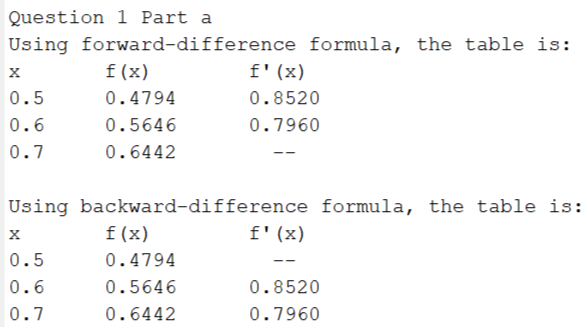
**Name –** Rasesh Srivastava

**Roll Number –** 210123072

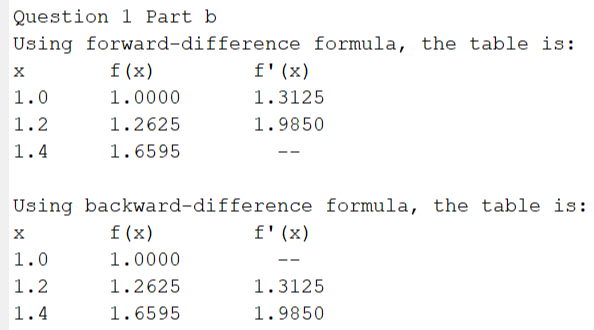
**Branch –** Mathematics and Computing

1)

a)

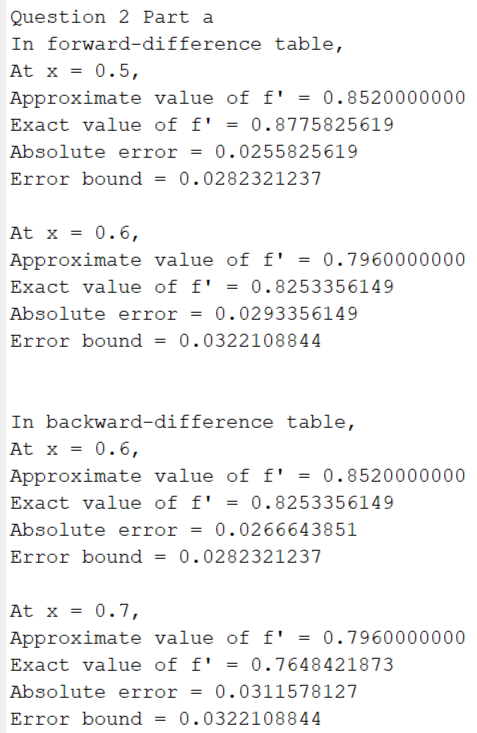


b)

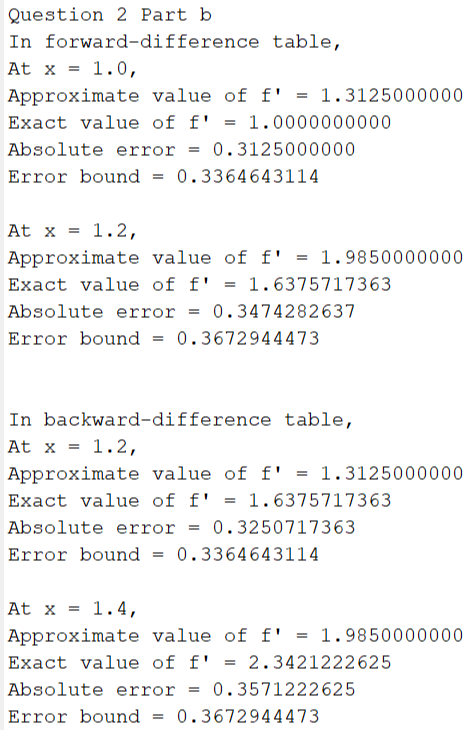


2)

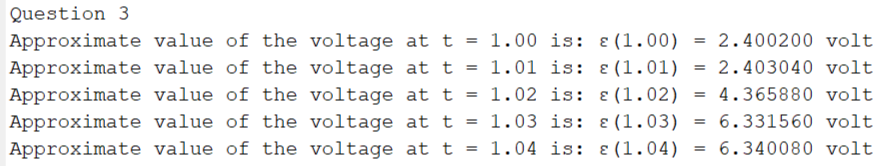
a)



b)

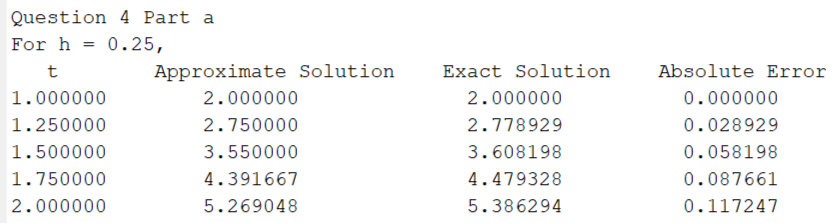


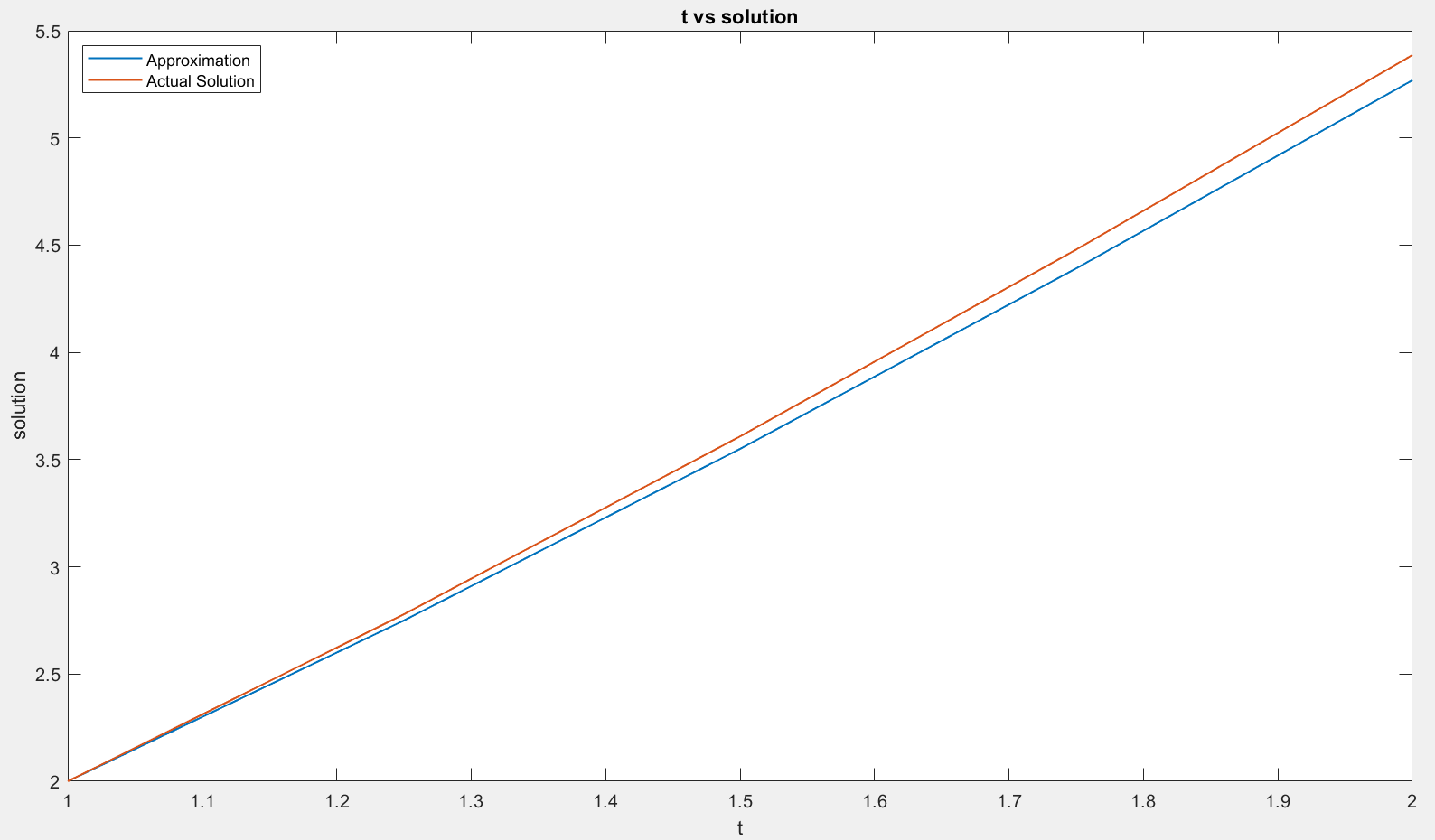
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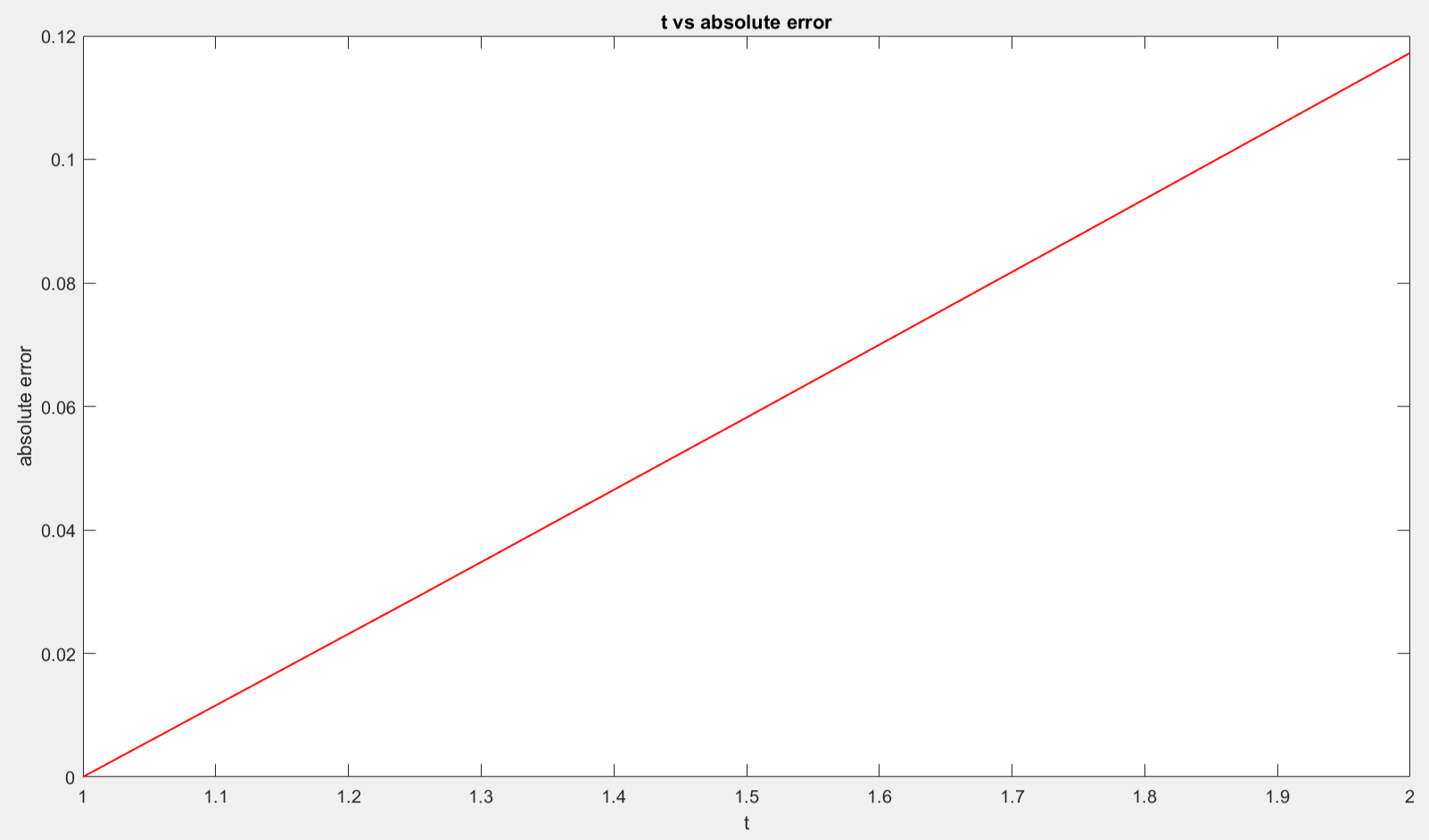


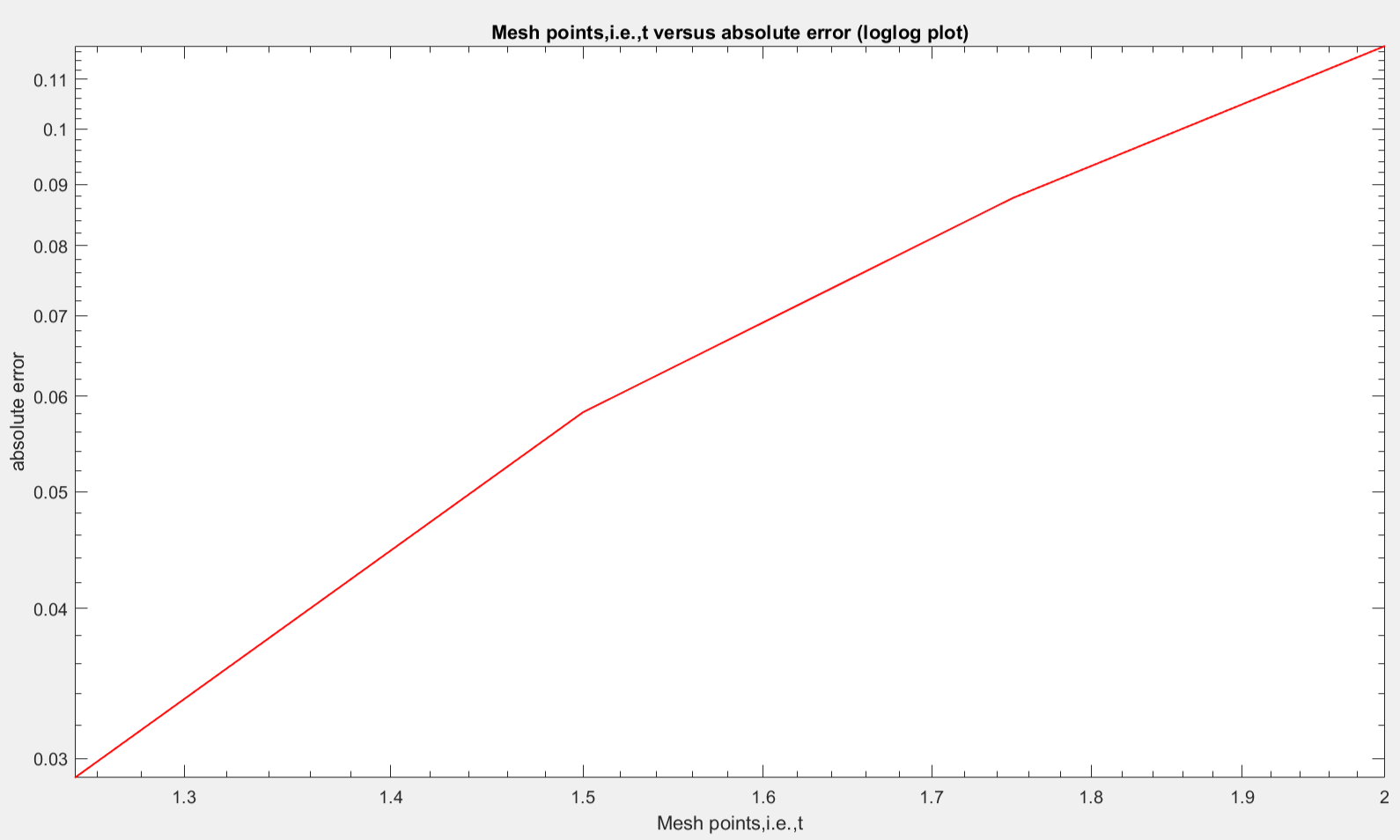
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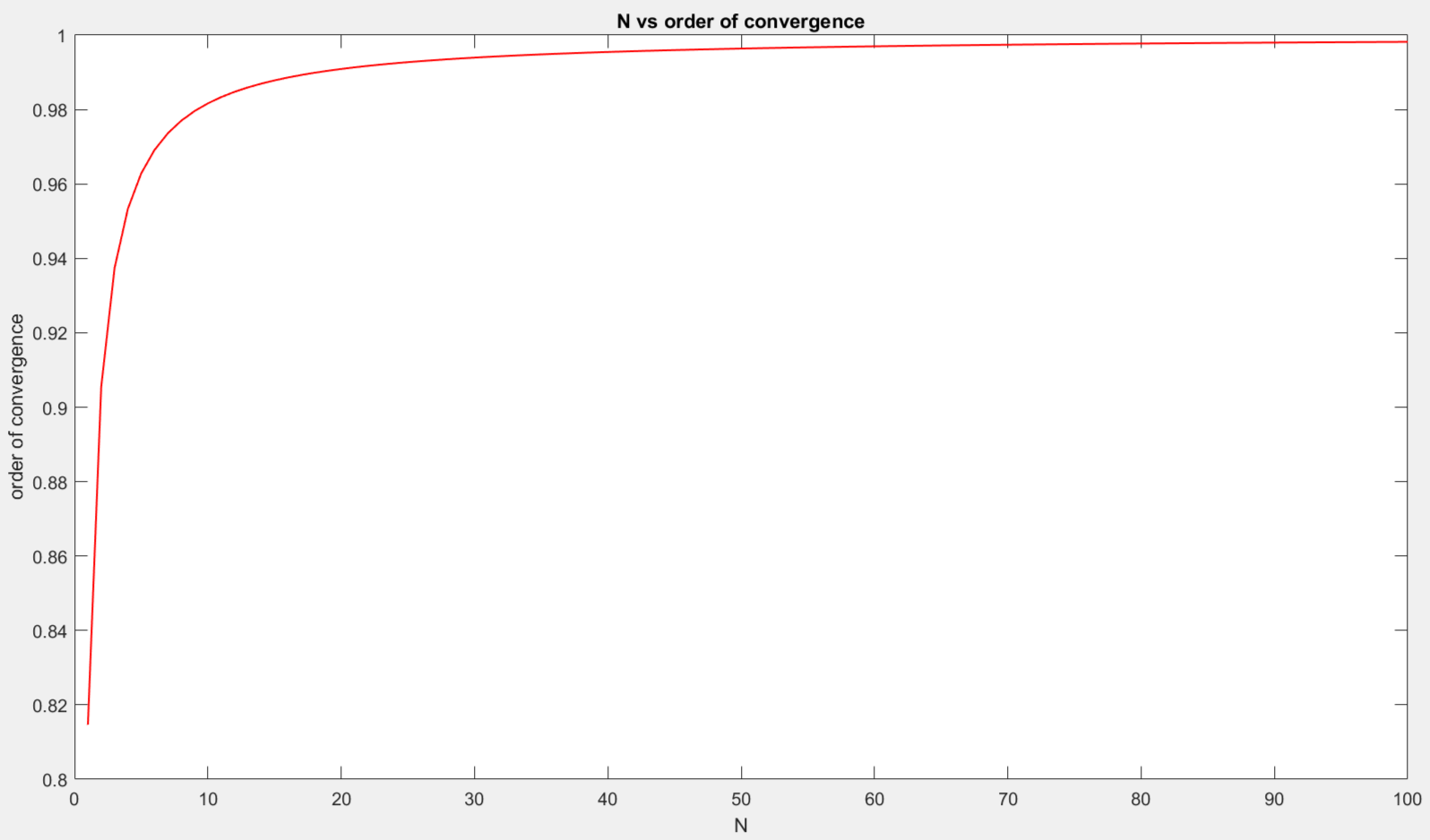
a)



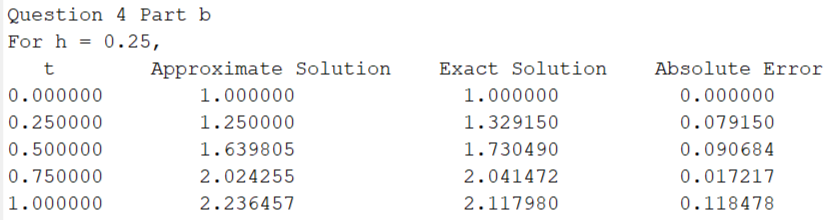


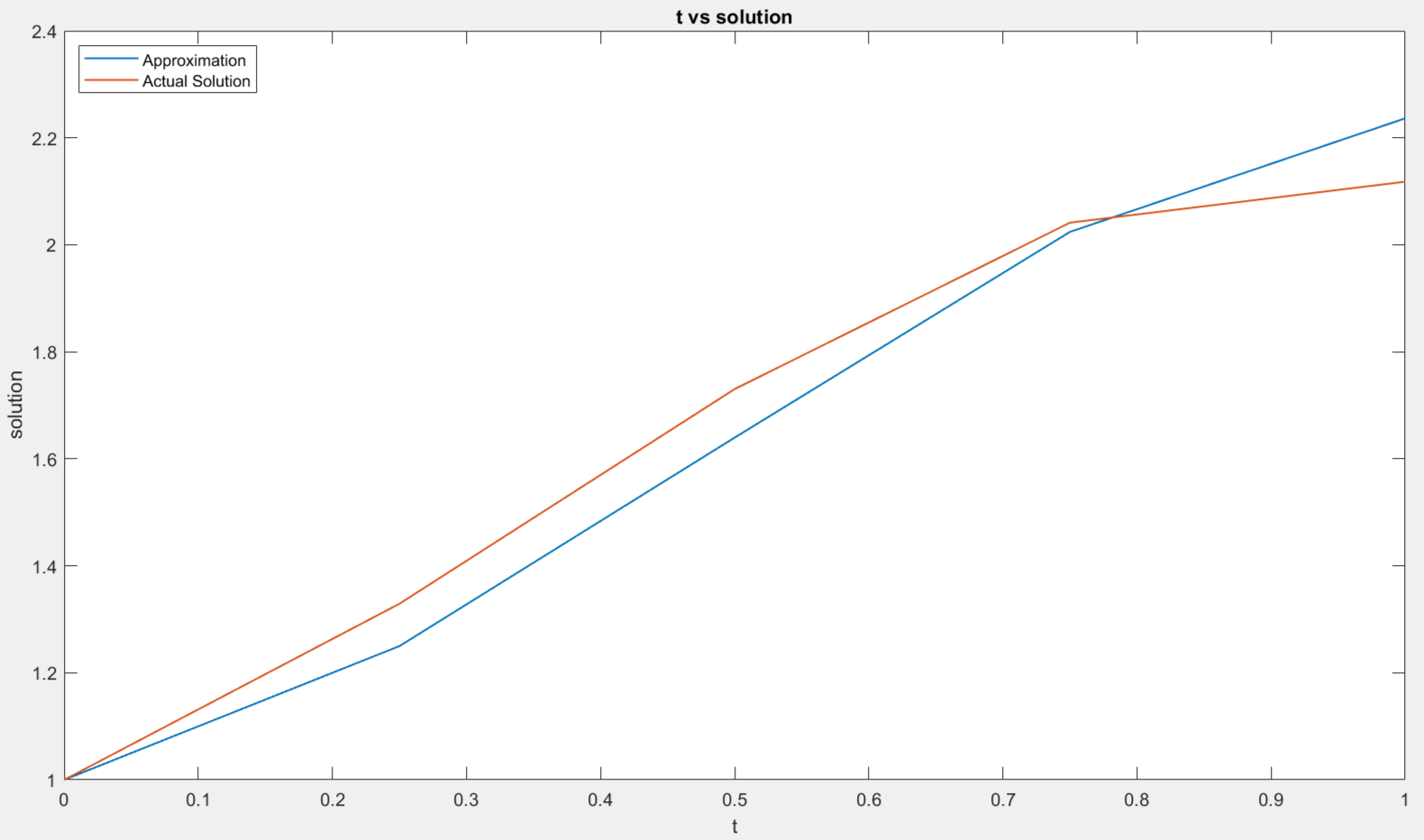


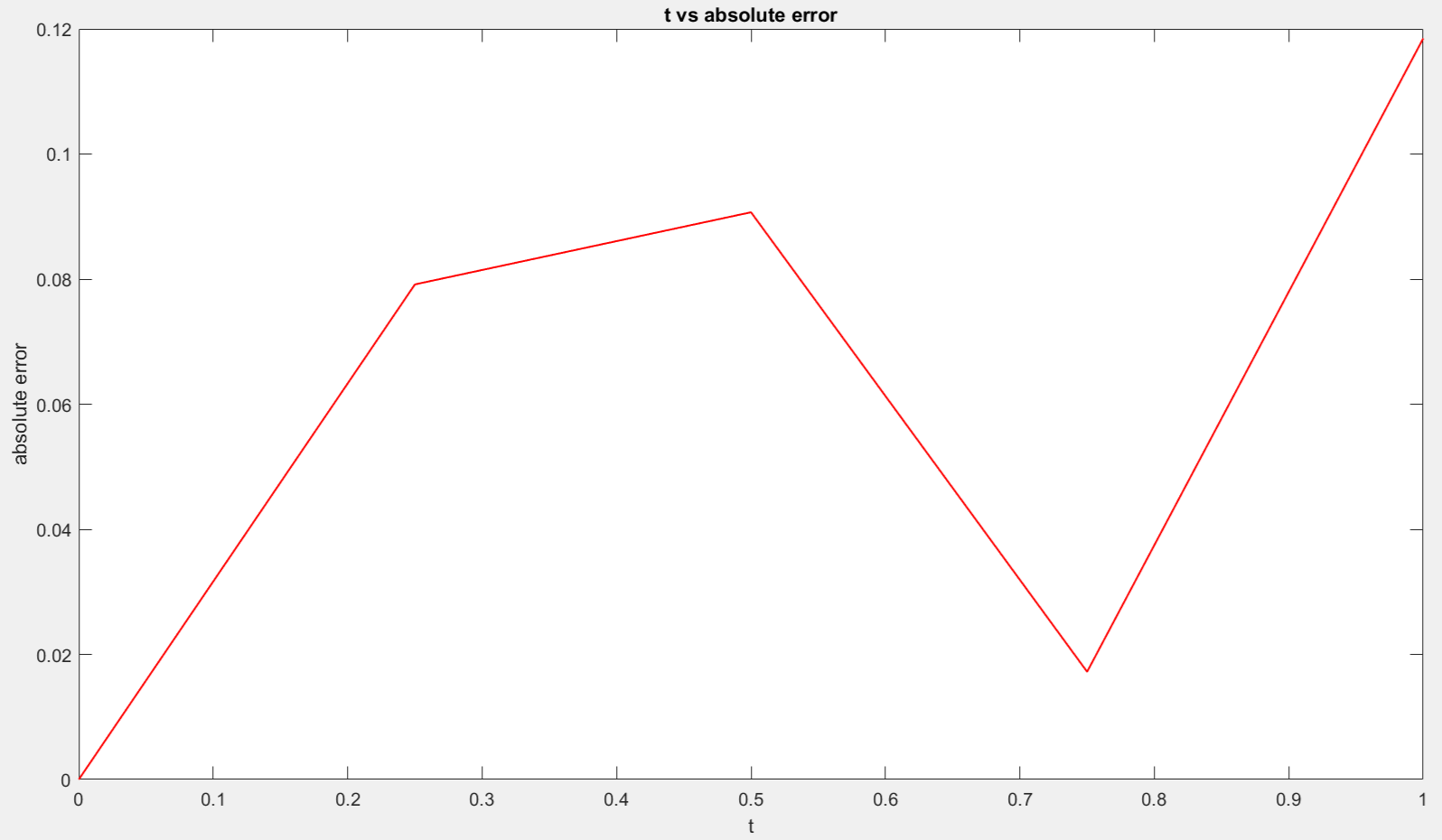


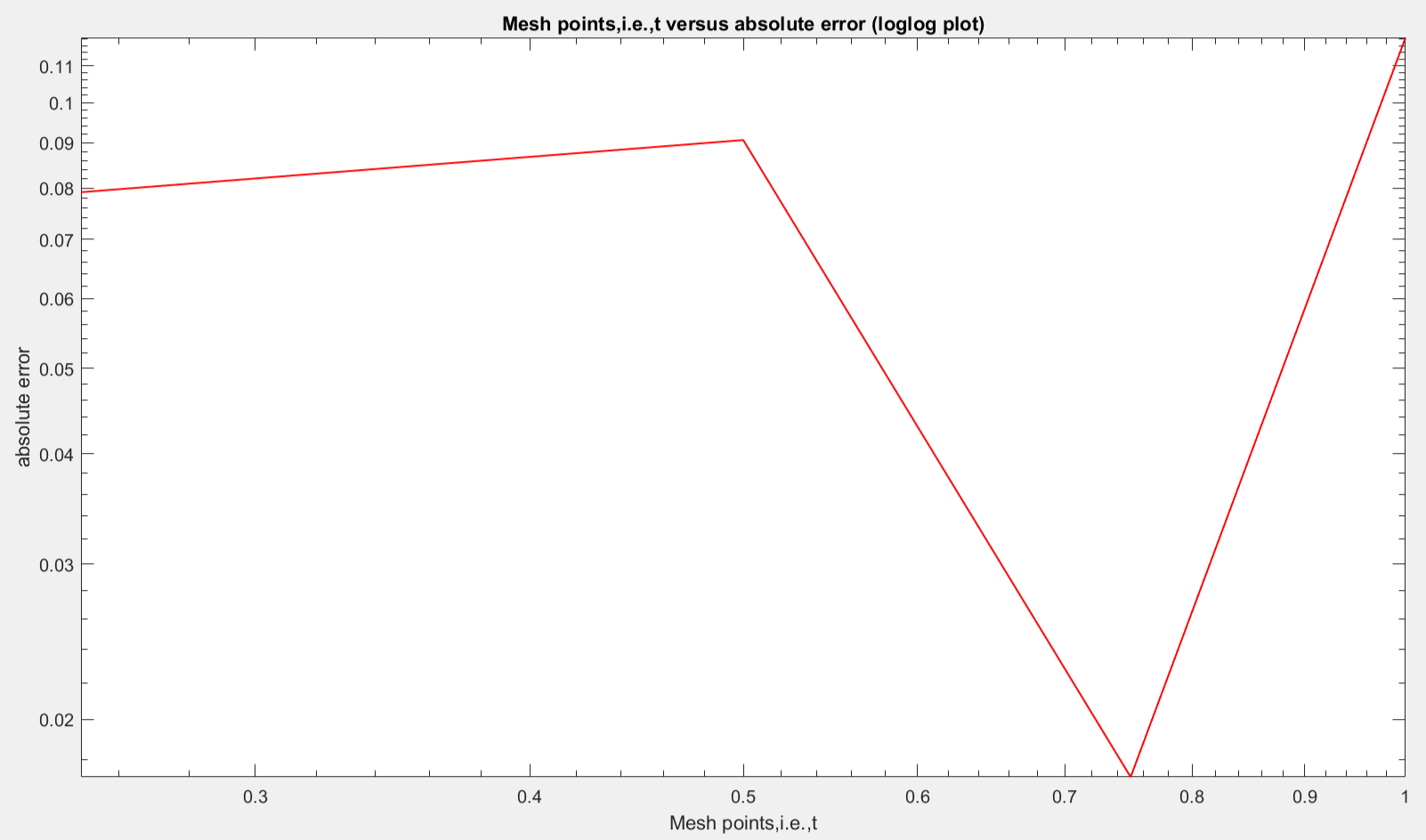


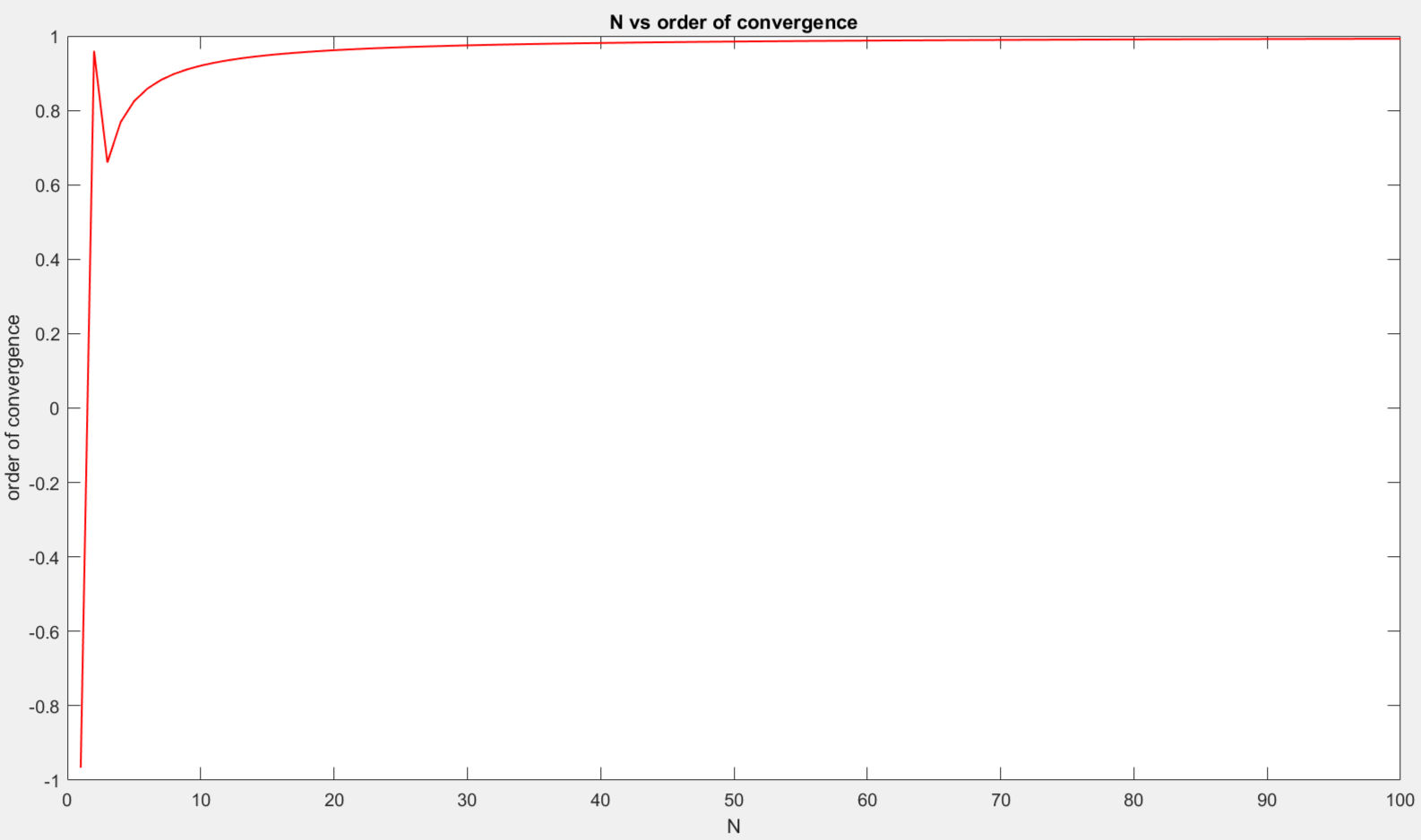
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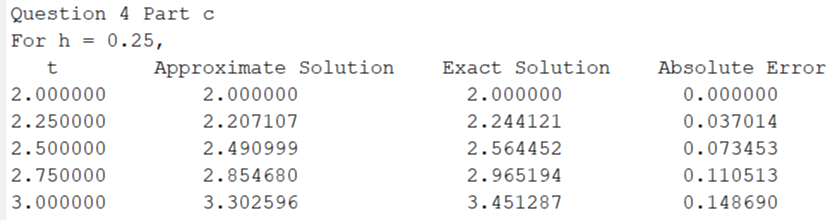


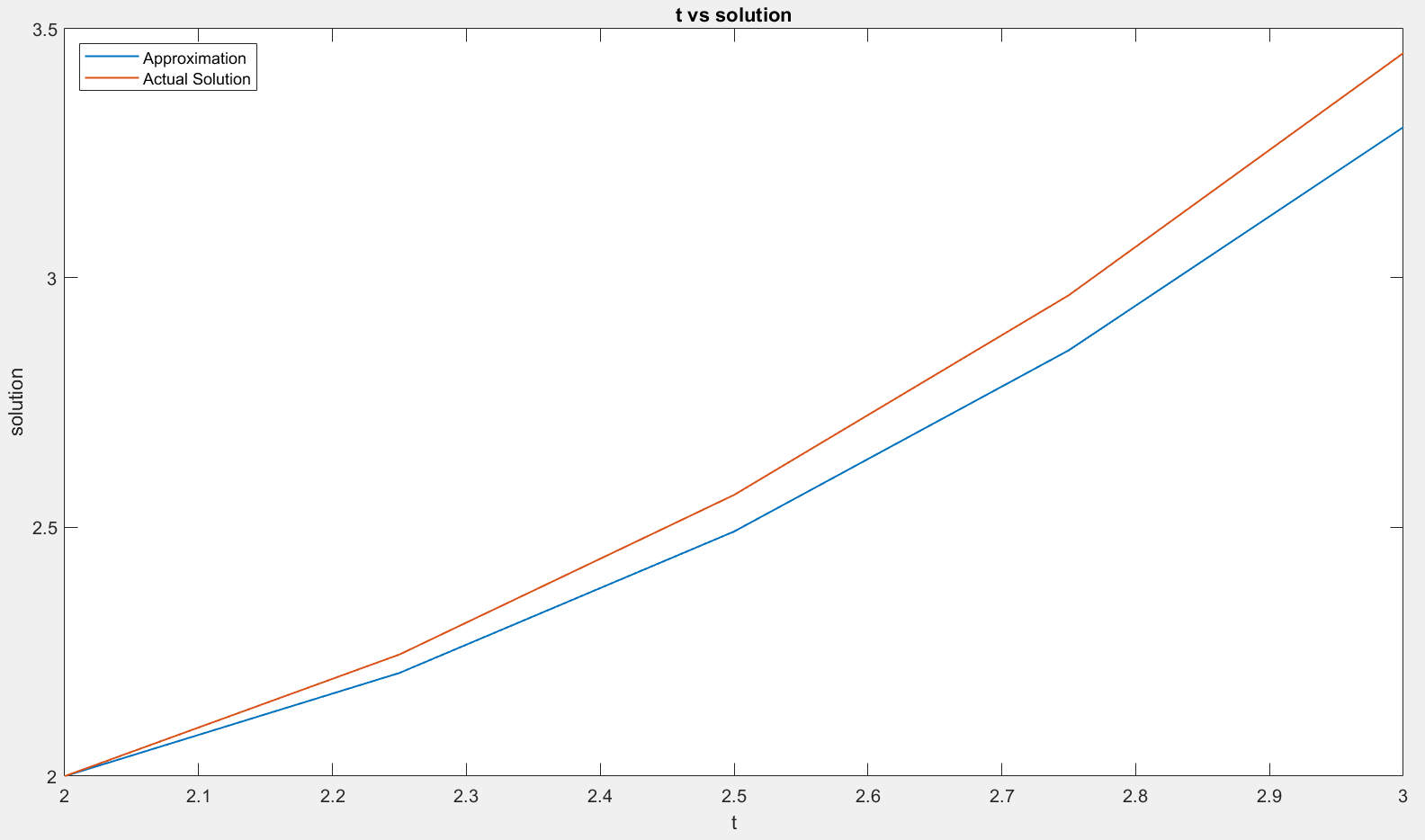


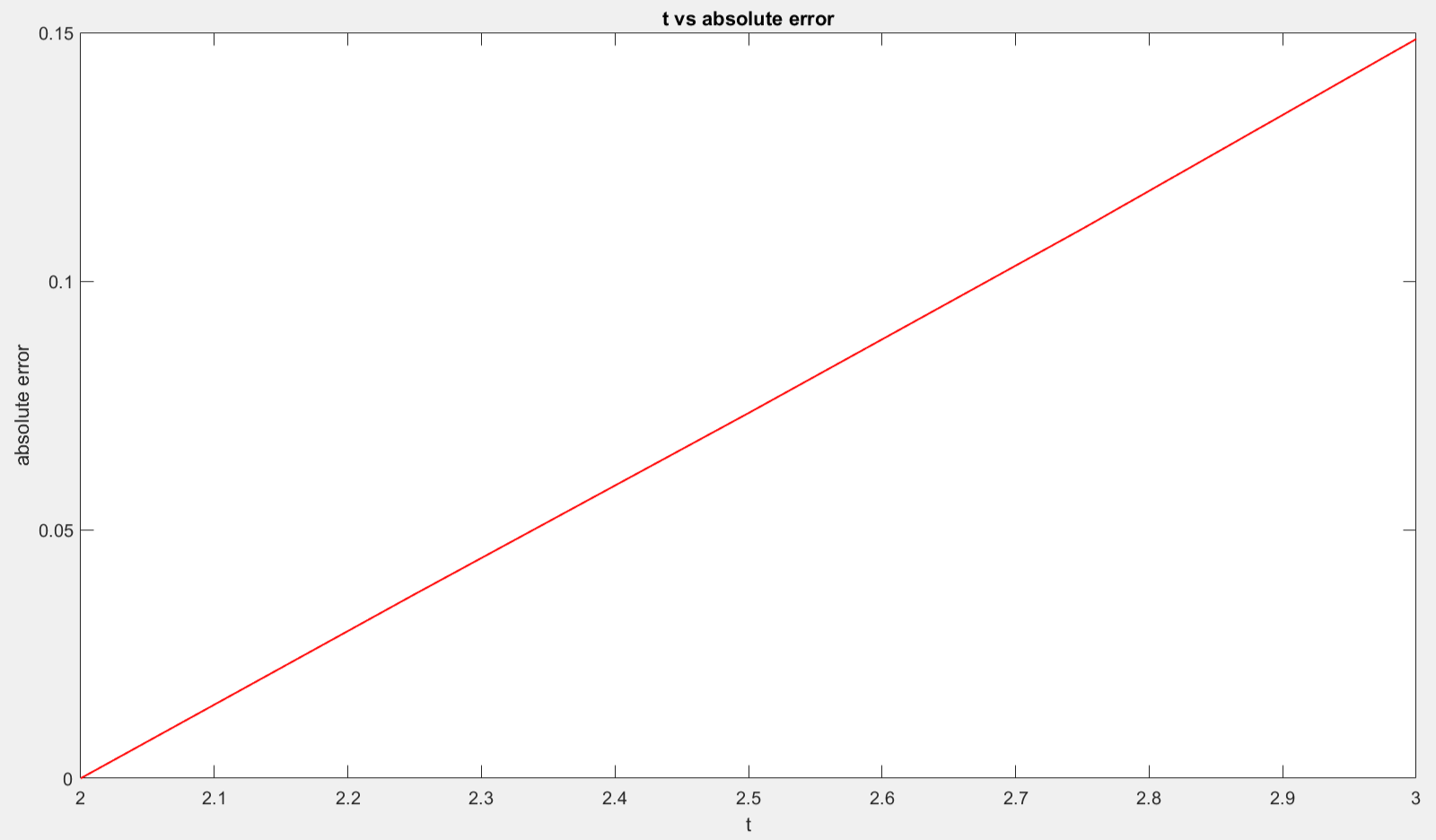


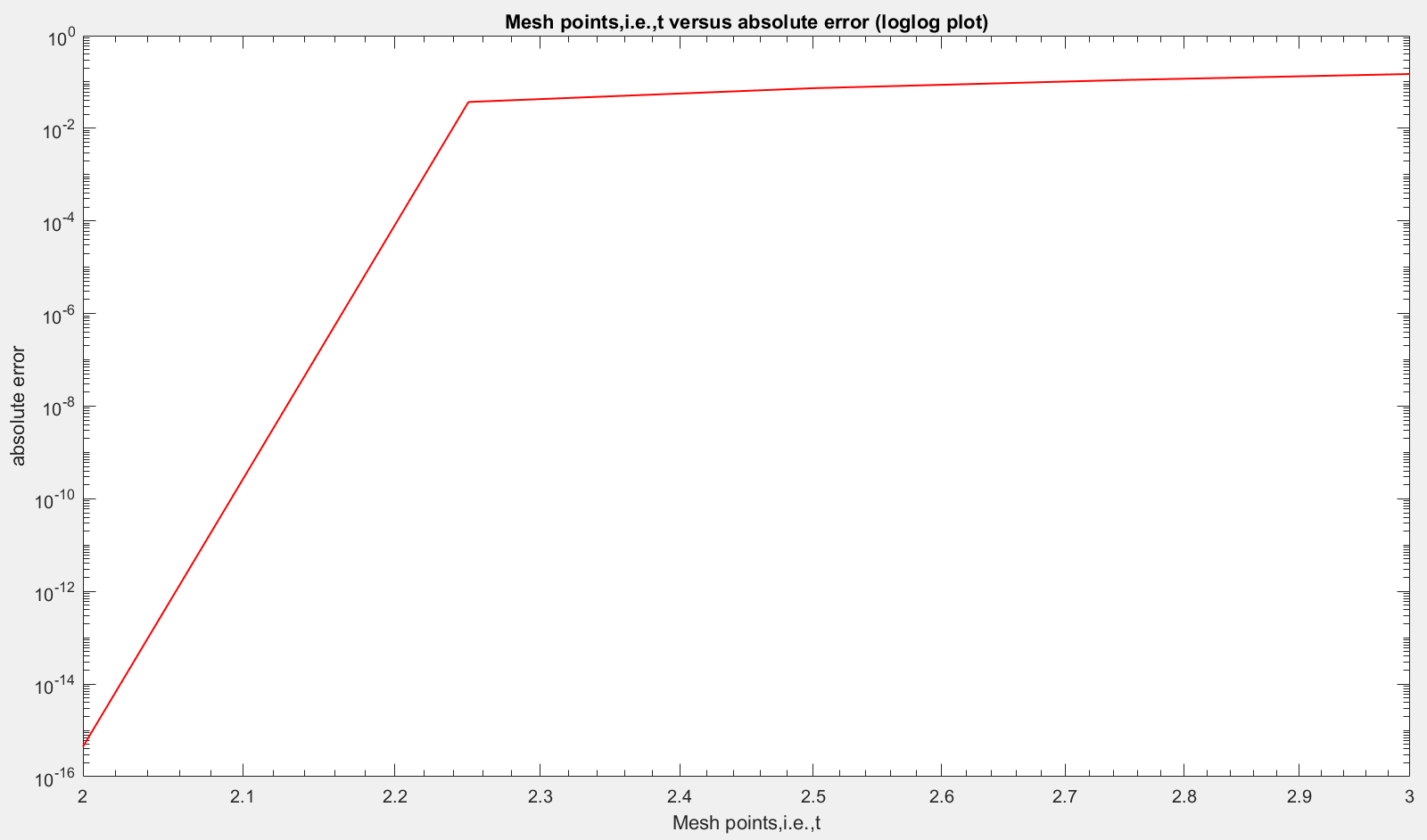


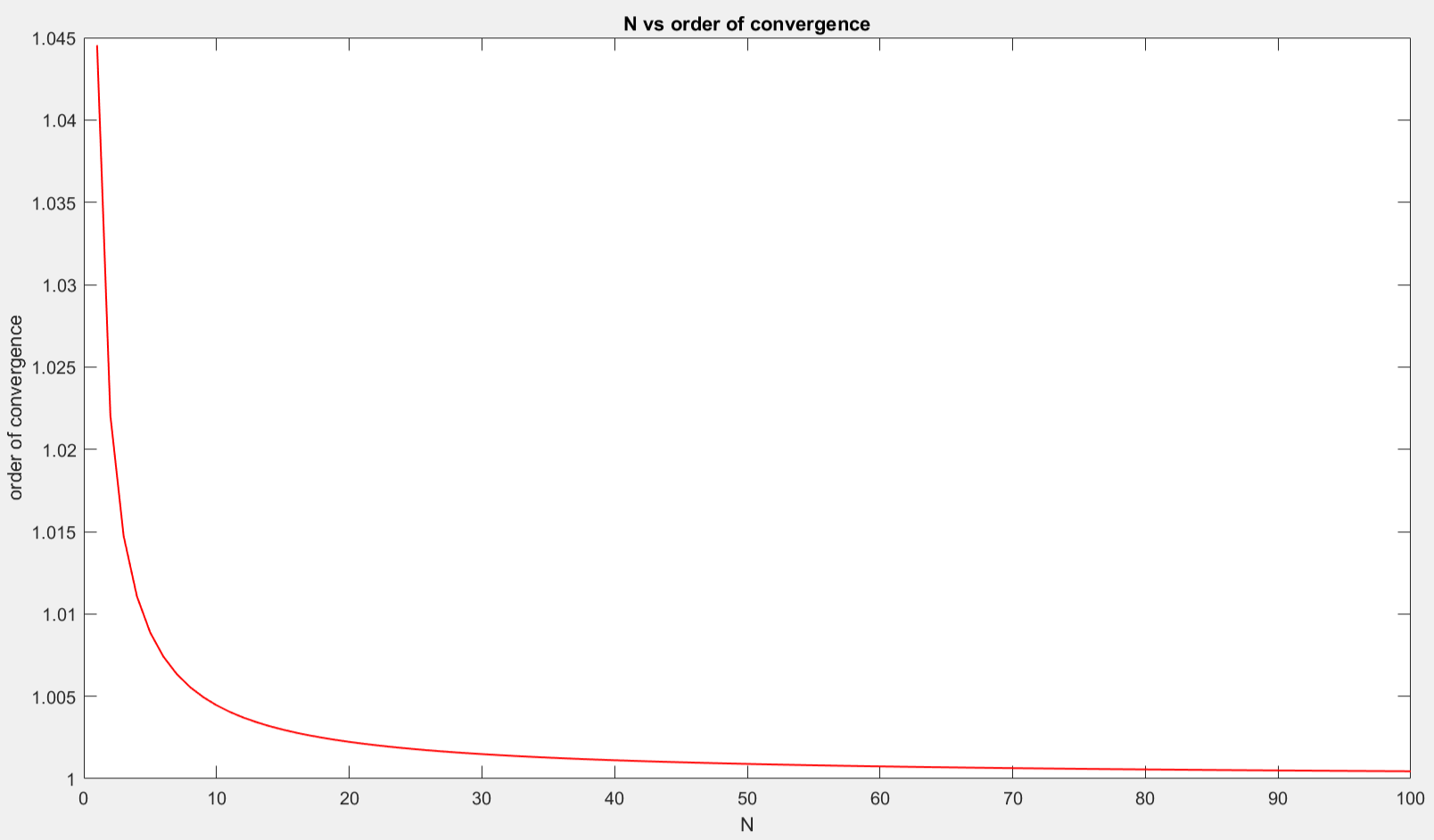
c)



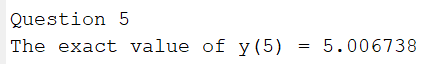




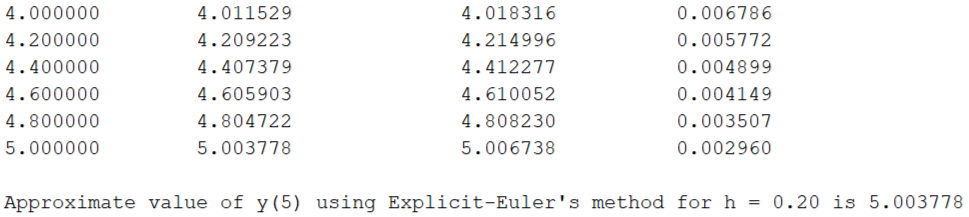
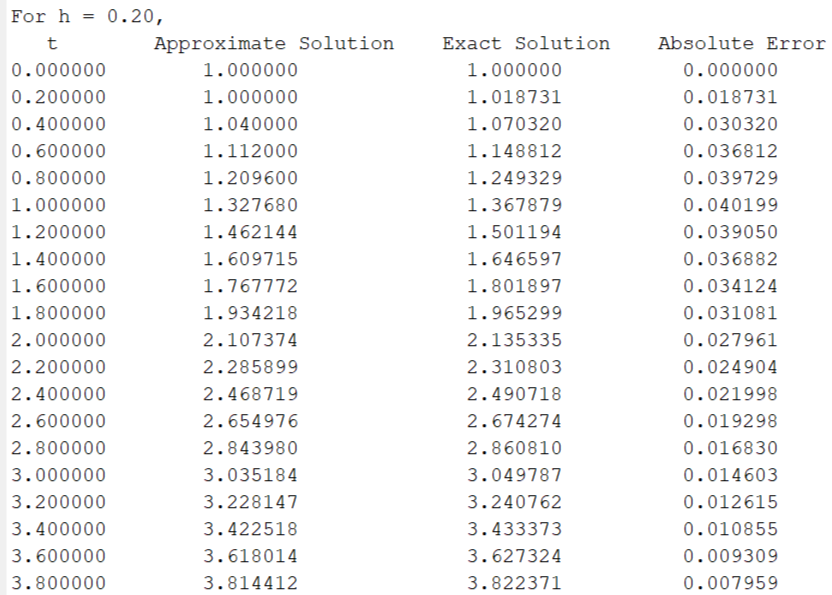




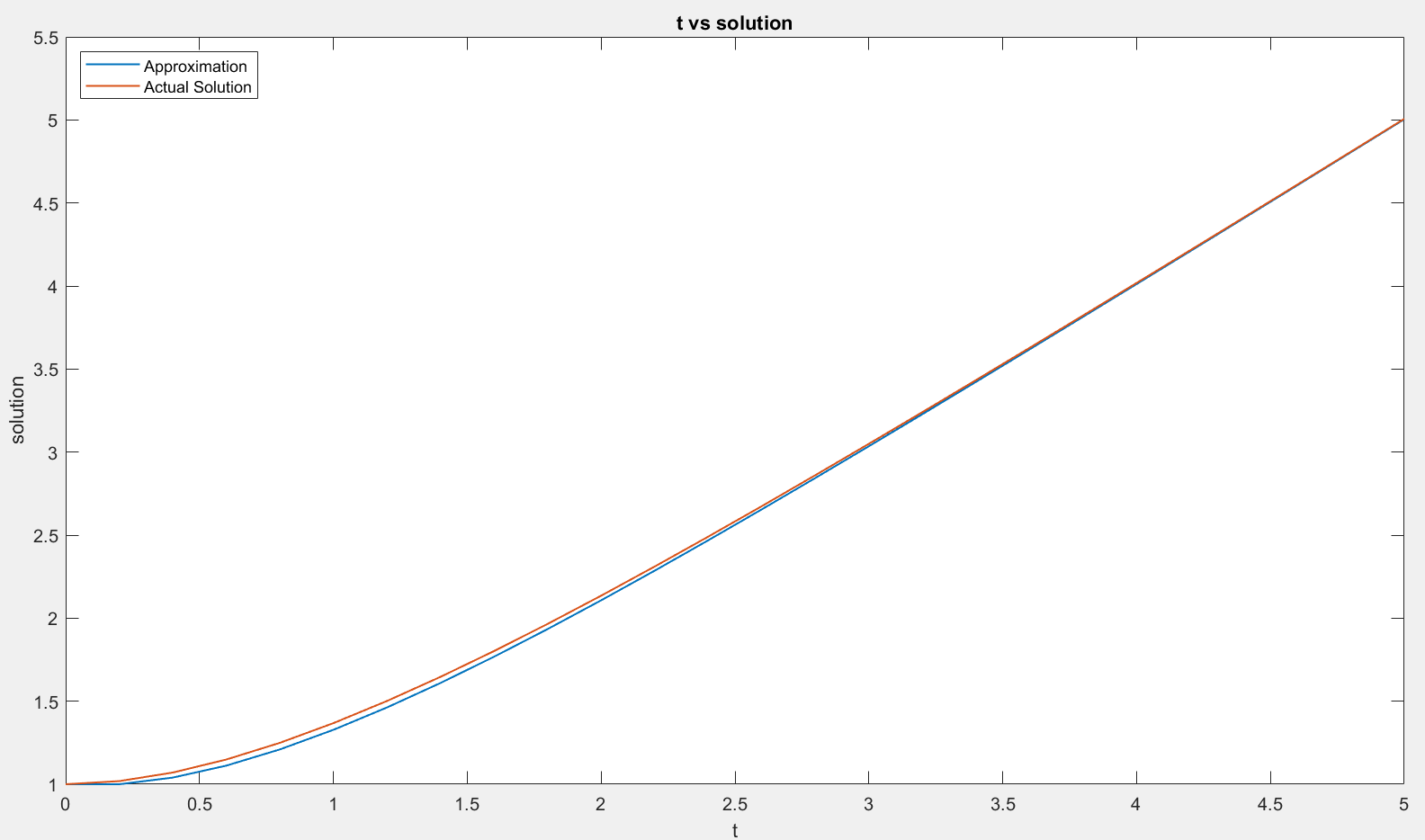
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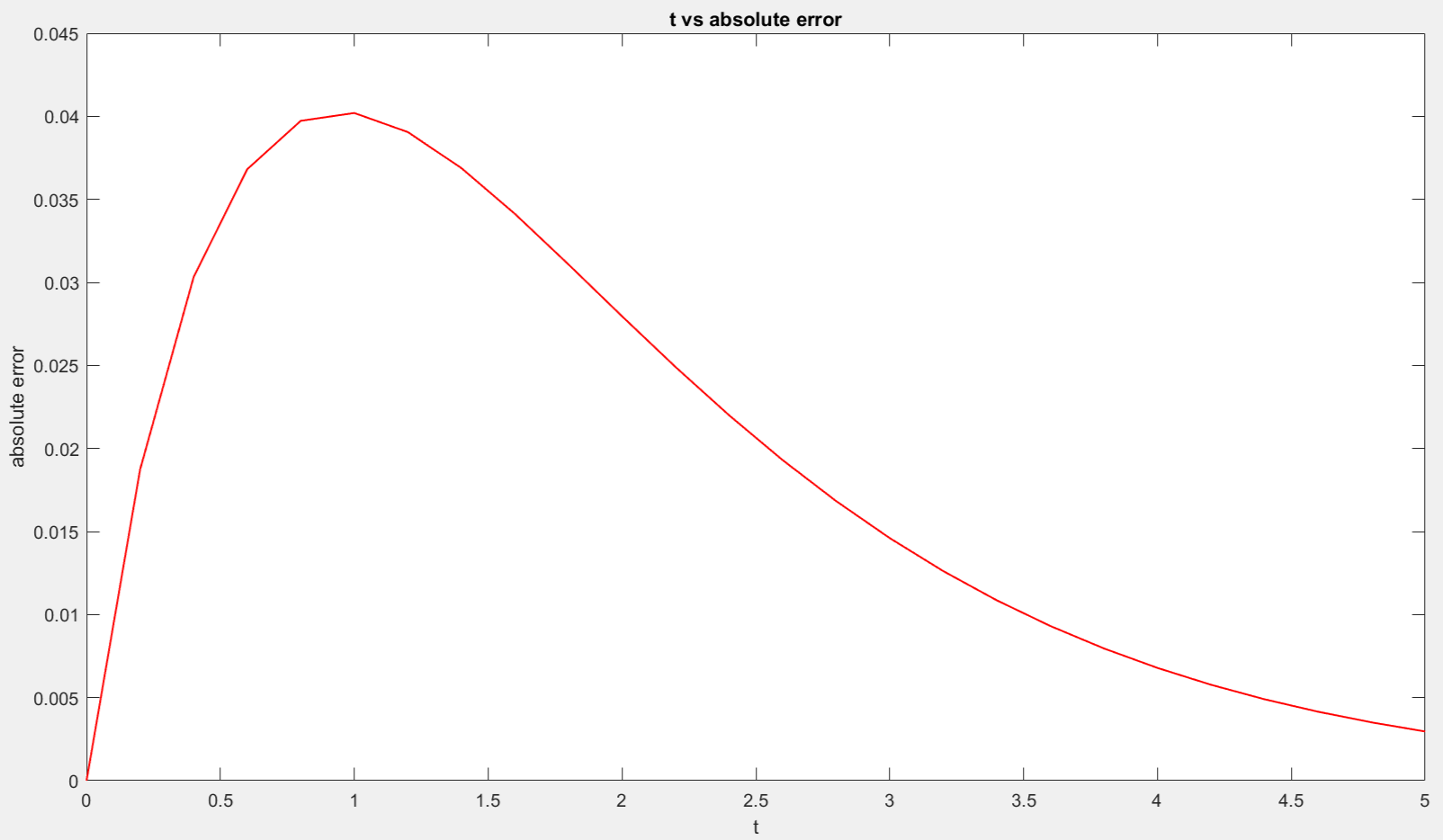


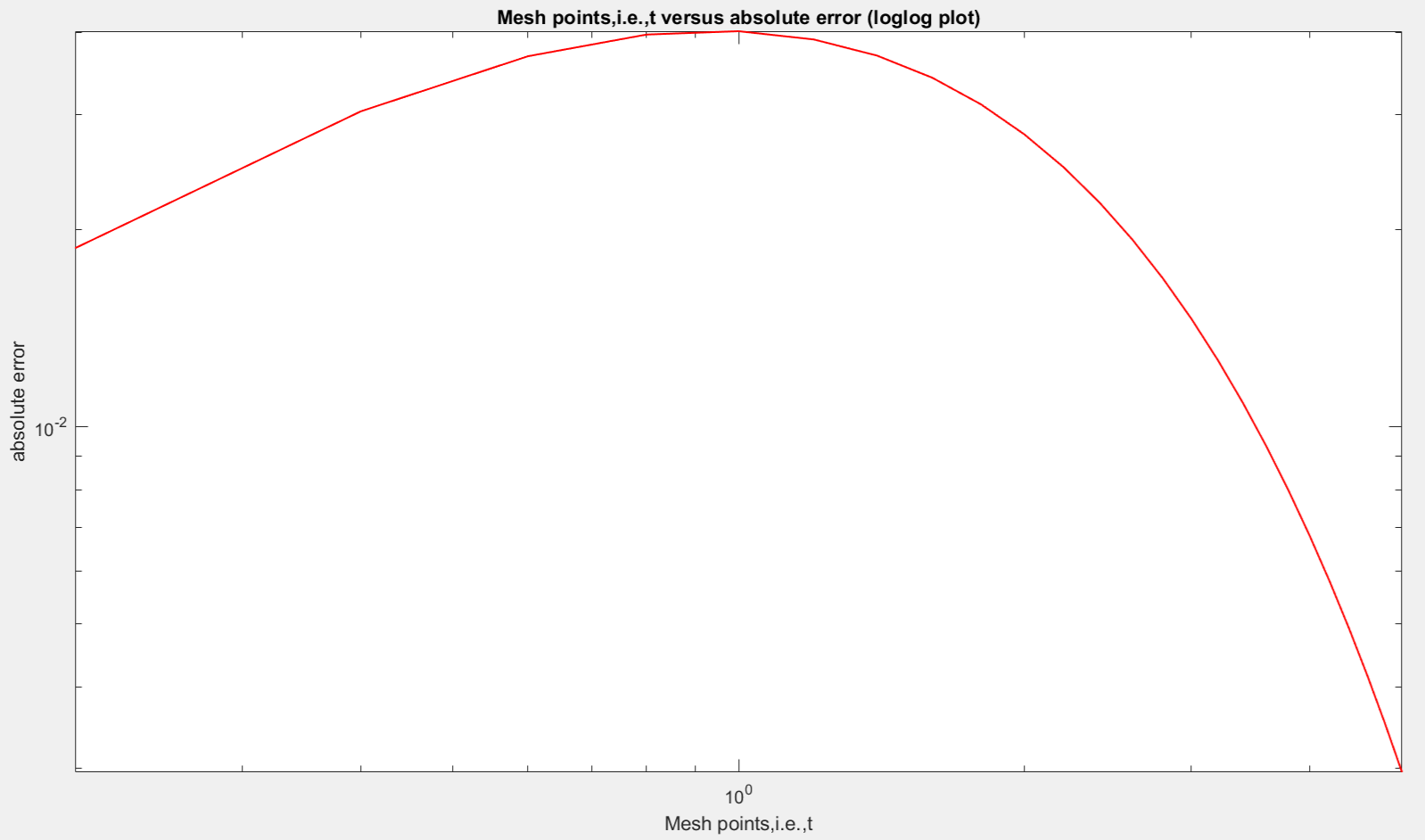
With h = 0.2,

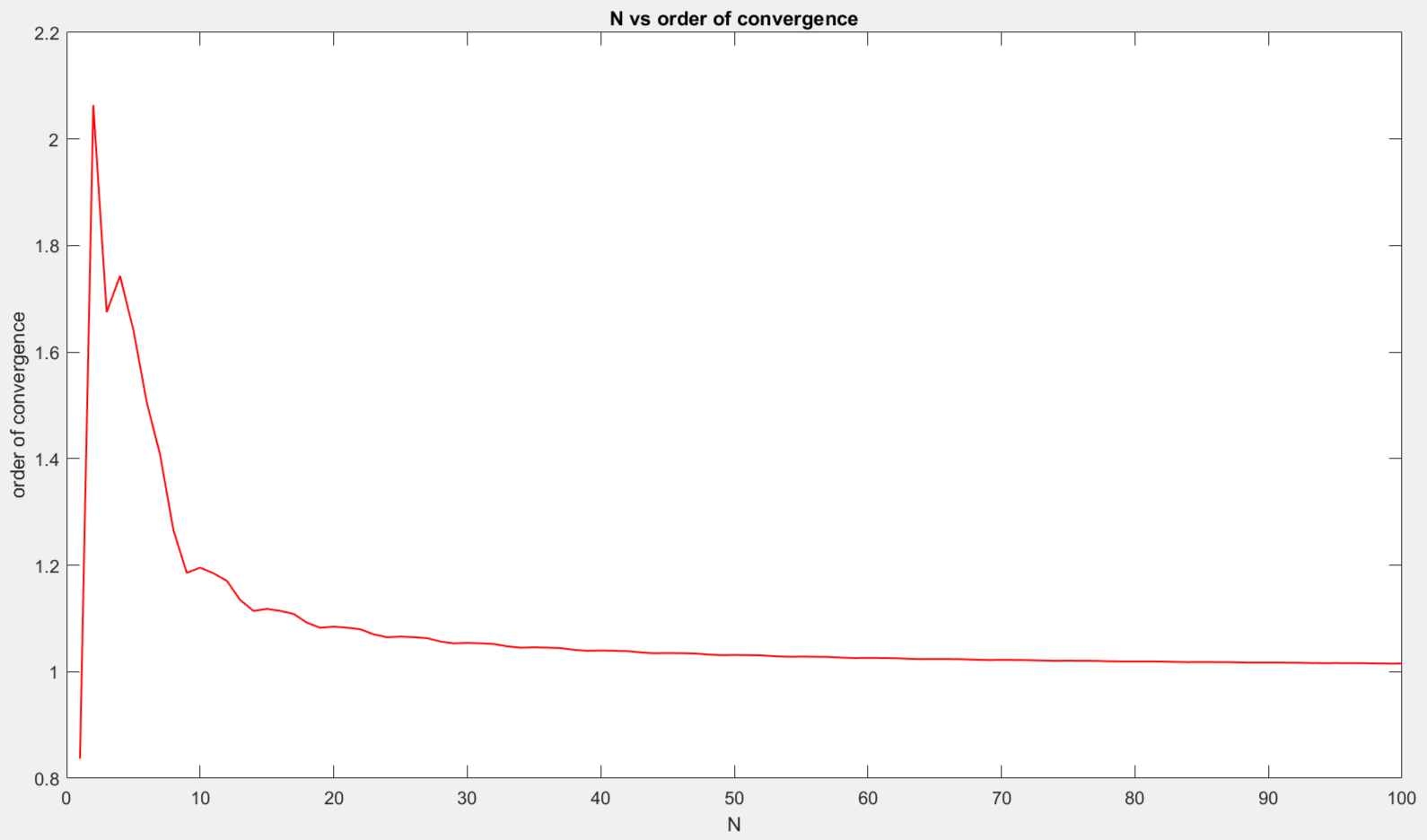




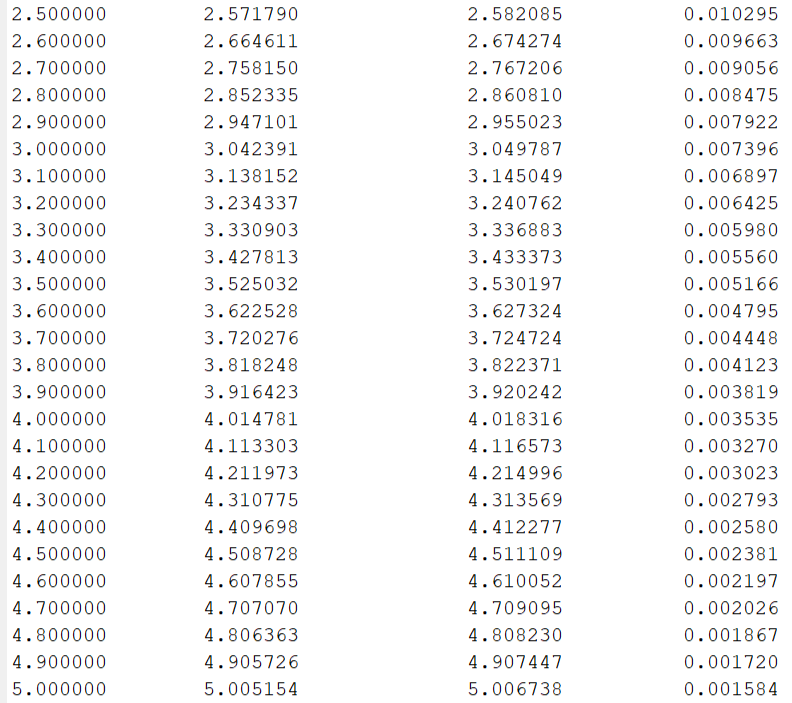
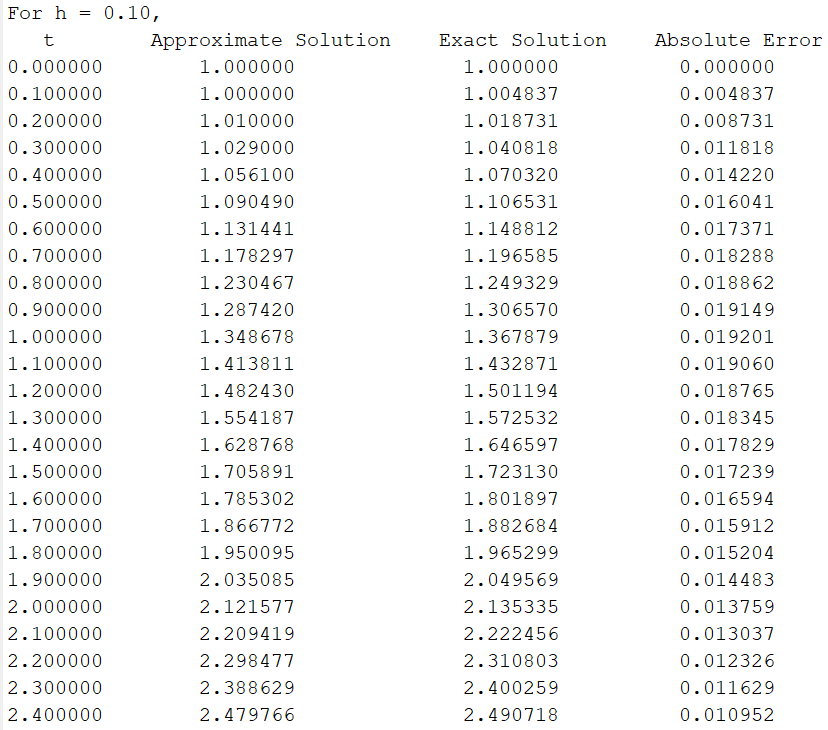




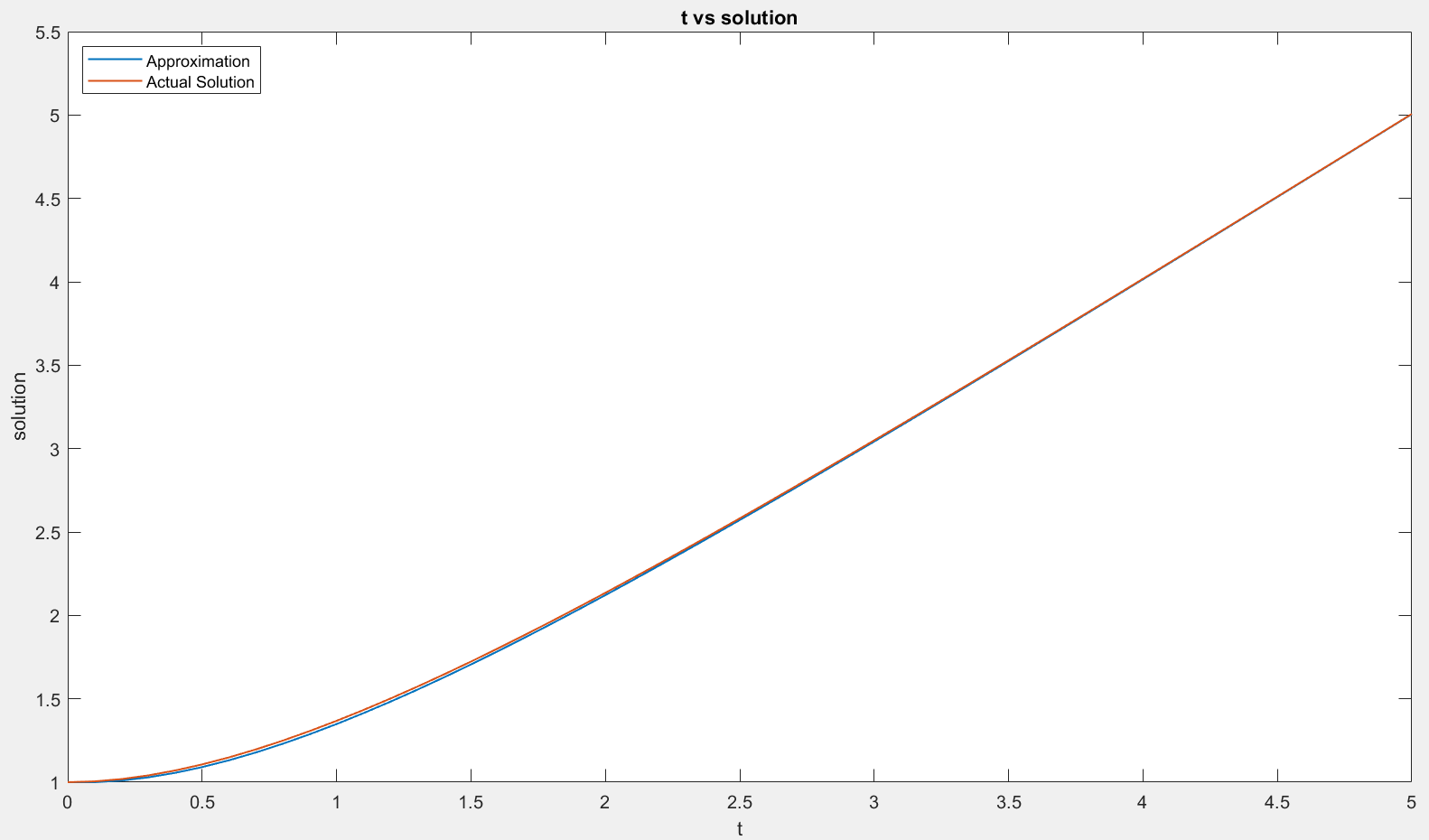


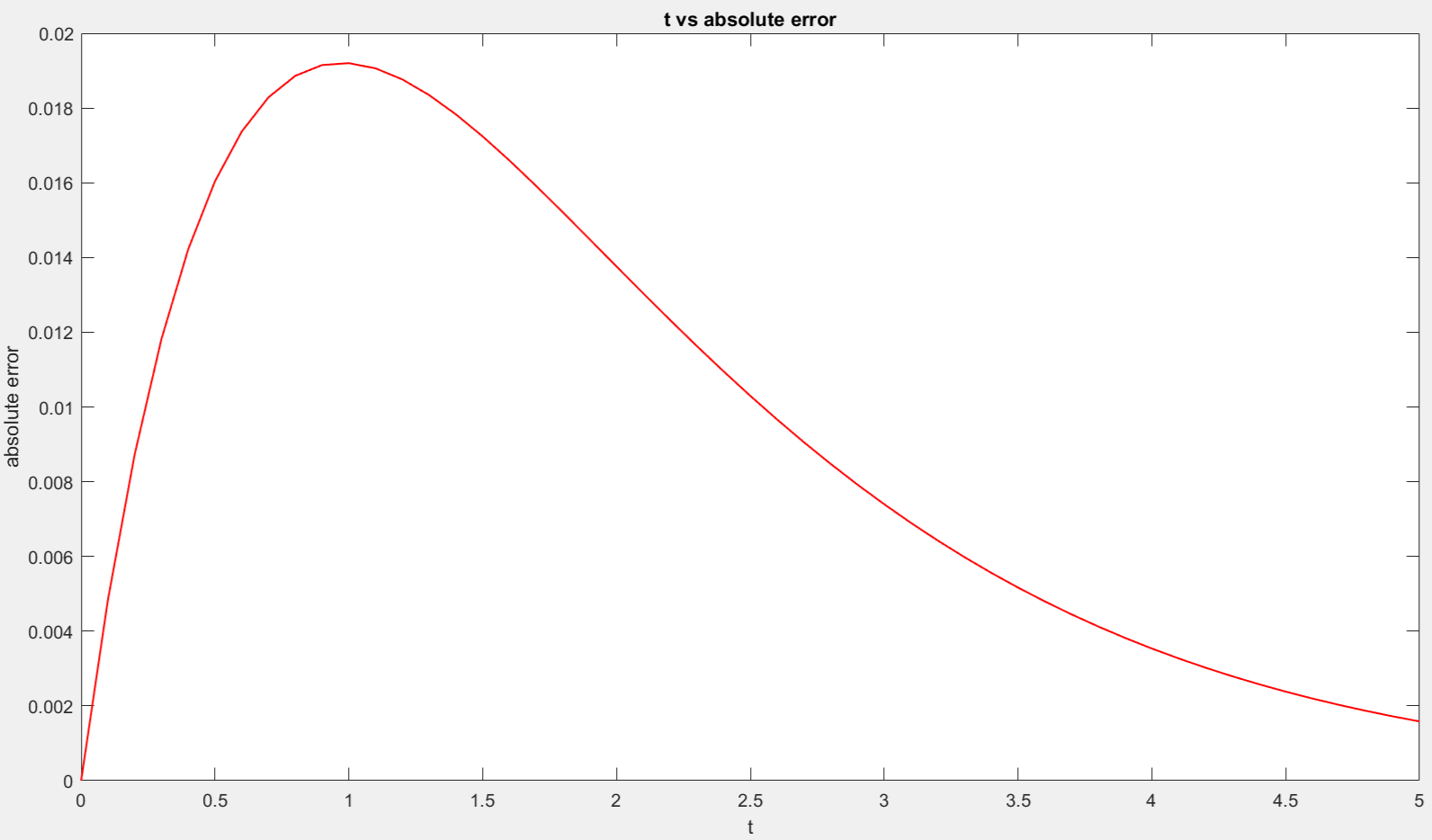


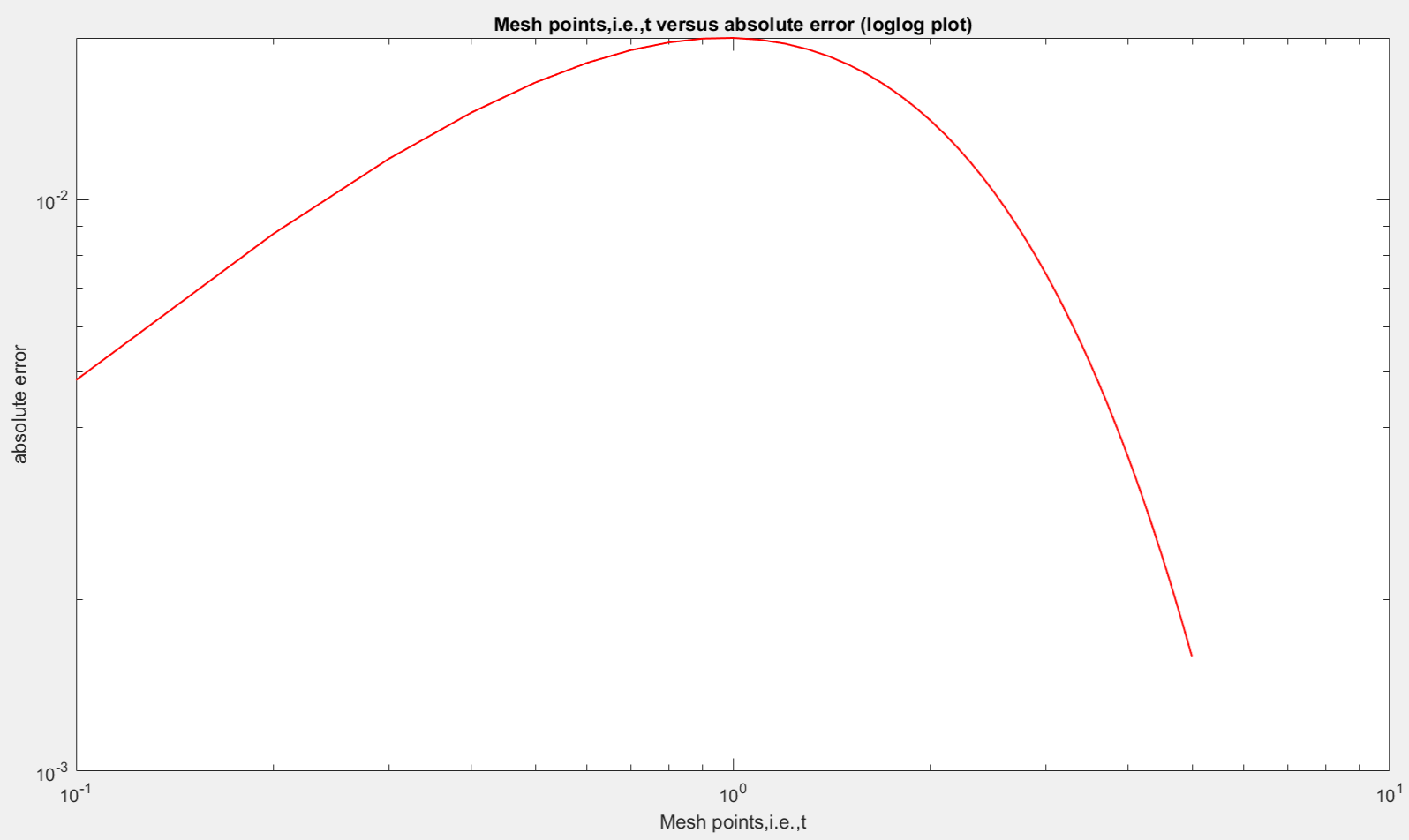
With h = 0.1,

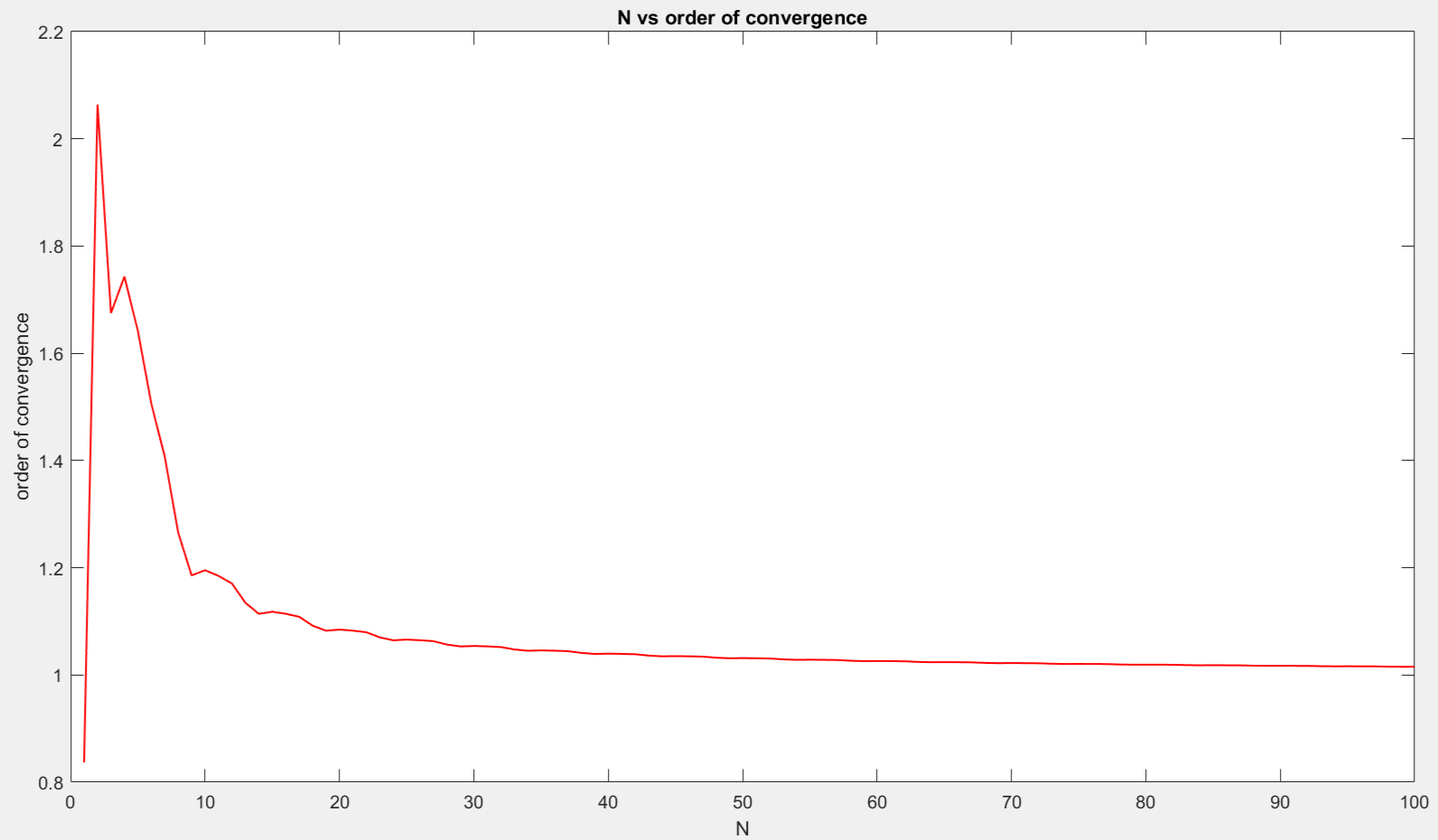












With h = 0.05,

