

```
In [4]: runfile('F:/Drive/2-1/CSE 218/Offline
1/1705069/1705069_1.py', wdir='F:/Drive/2-1/CSE 218/Offline
1/1705069')
```

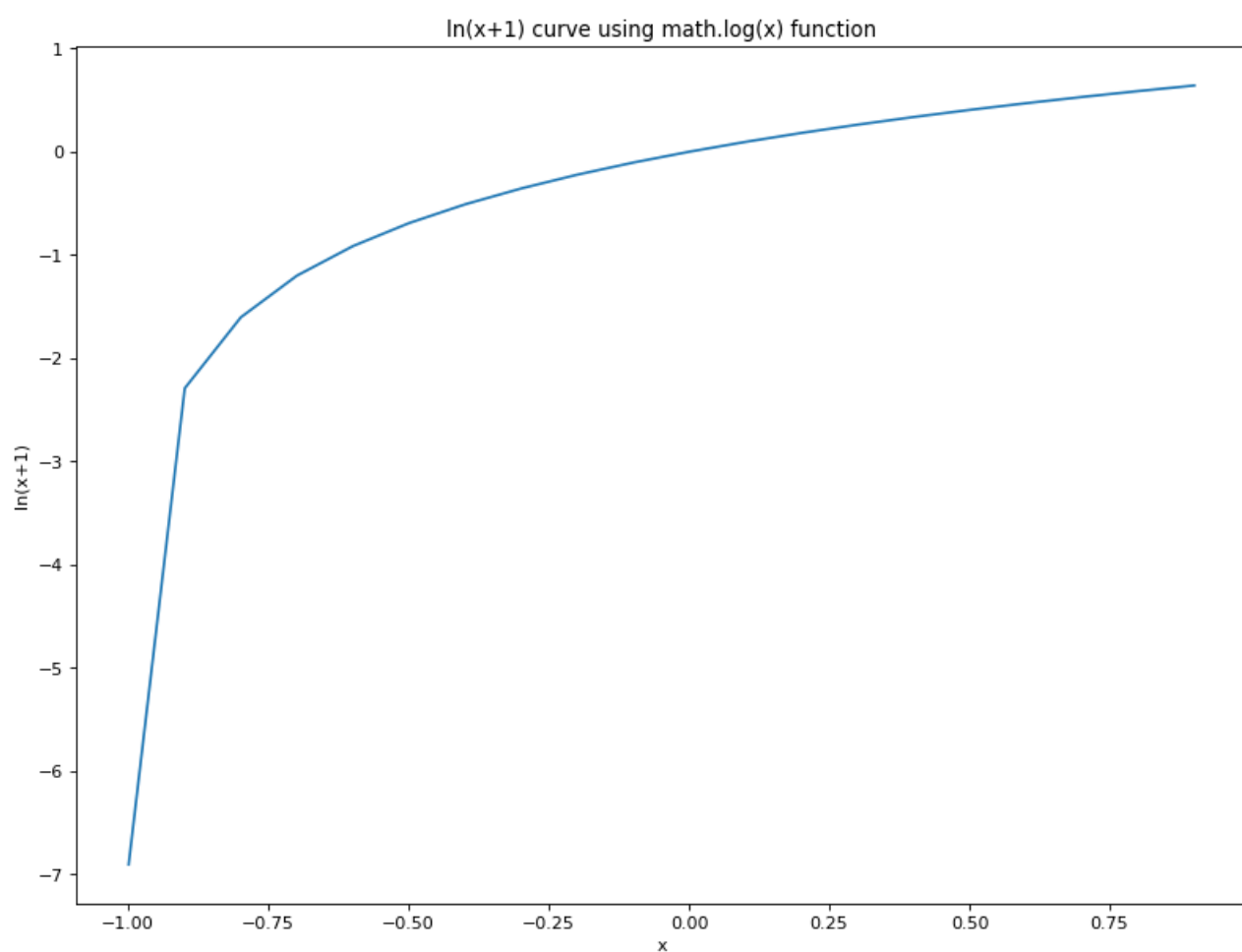
Please enter x: 0.5

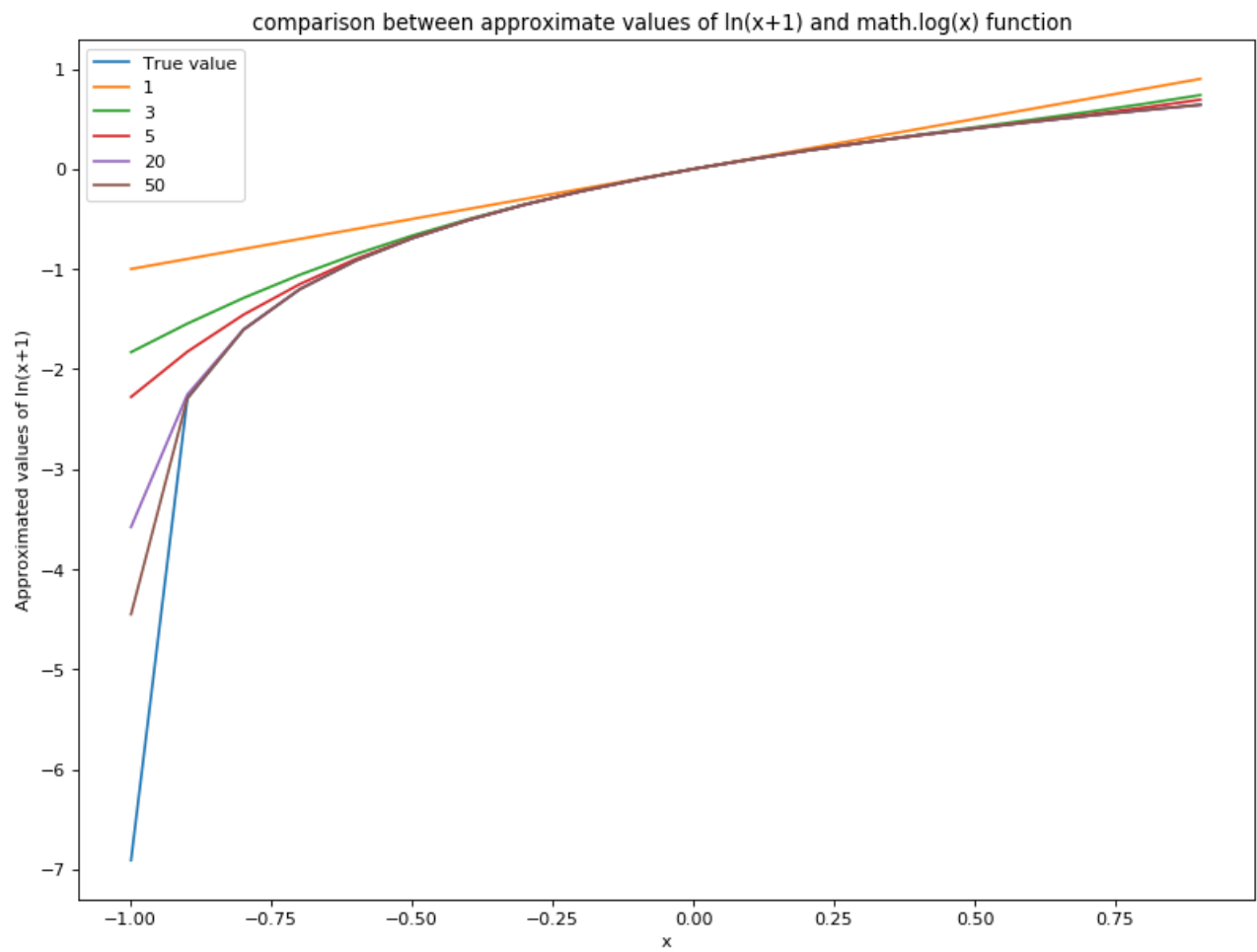
Please enter the number of iterations: 100

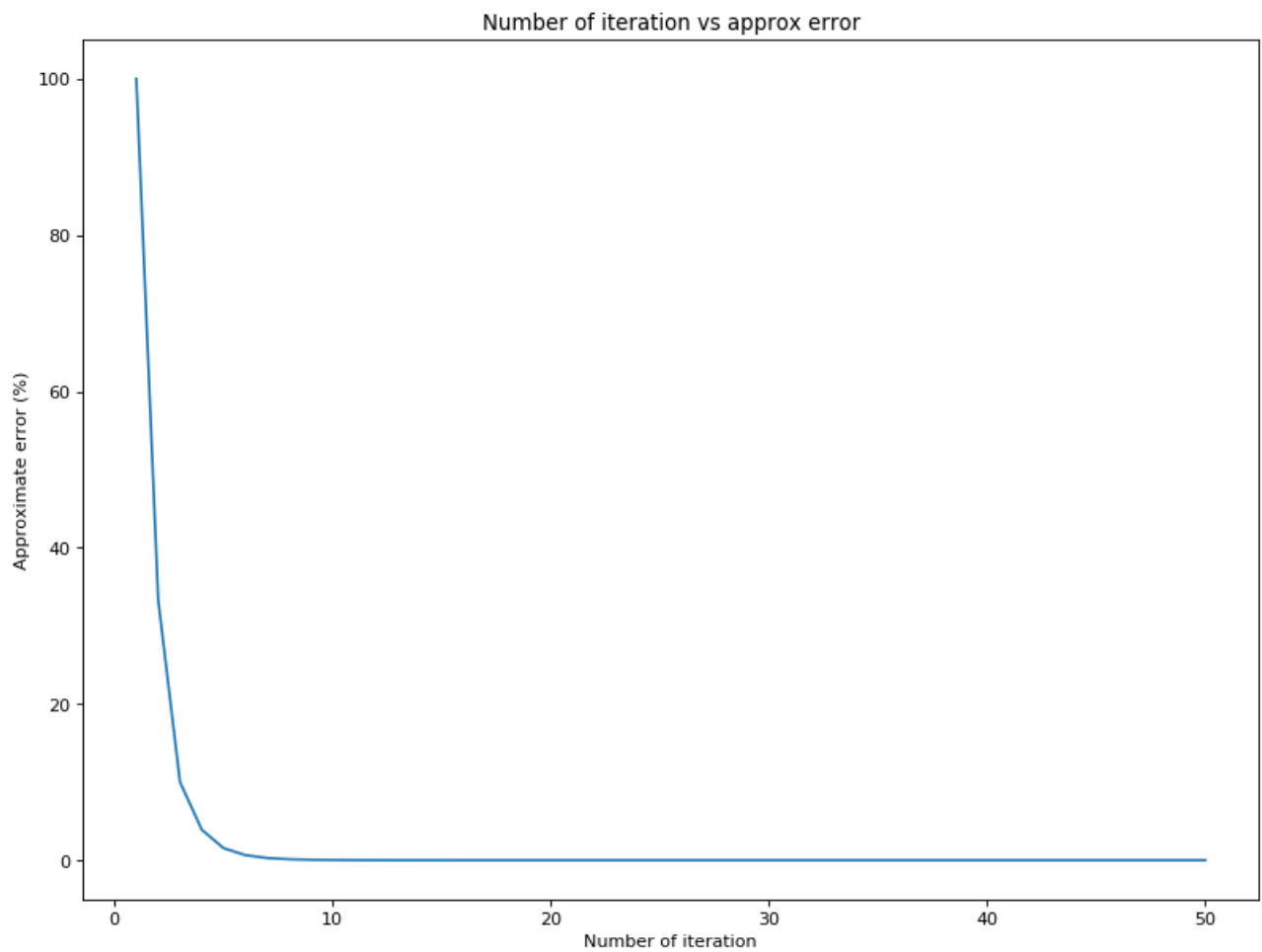
From function: 0.4054651081081644

From iteration: 0.4054651081081643

Error: 2.738146889643058e-14%

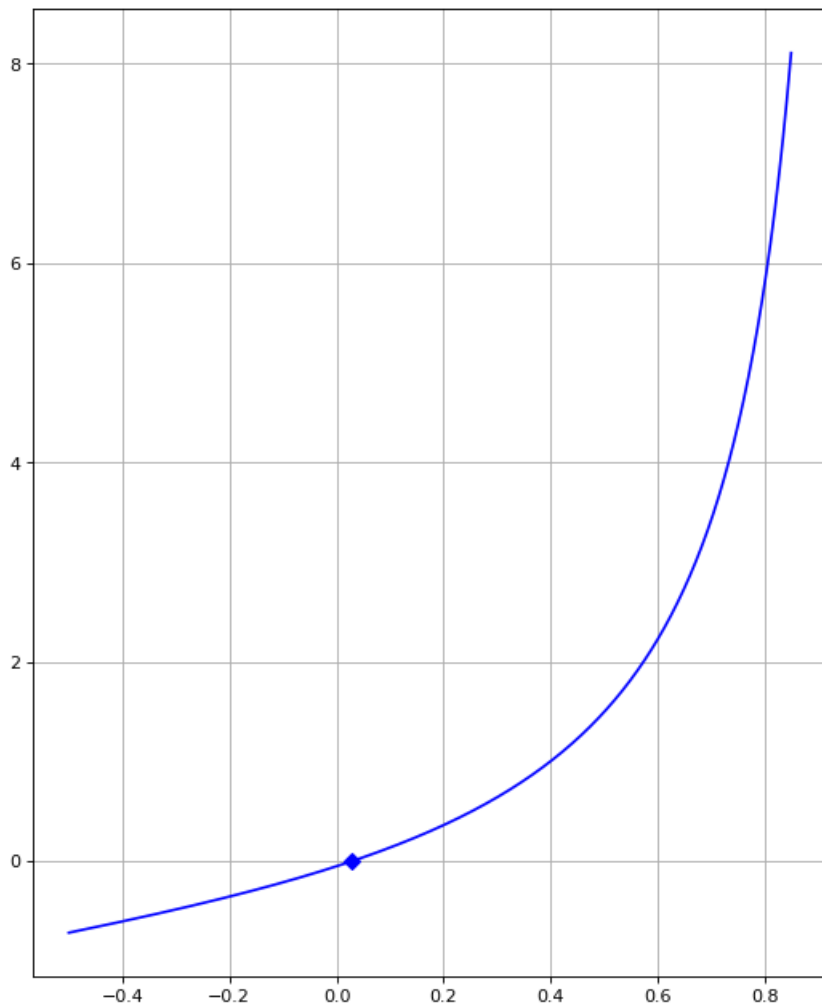






```
In [5]: runfile('F:/Drive/2-1/CSE 218/Offline  
1/1705069/1705069_2.py', wdir='F:/Drive/2-1/CSE 218/Offline  
1/1705069')
```

-- Graphical Method --



Root found by graphical method: 0.028000000000000047

```
-----
-- False position method --
Root: 0.028172348587125973
Number of iterations: 7
Error: 0.3616663773635041%
-----
-- Secant Method --
Root: 0.028298984464270583
Number of iterations: 4
Error: 0.17609977289475556%
-----
```

In [6]: