```
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/USER/Desktop/113_2/數值方法不應該長這樣/hw3_1.py
Degree 1: Lagrange approximation = 0.732077, Error bound = 4.420000e-04
Degree 2: Lagrange approximation = 0.731716, Error bound = 2.652000e-06
Degree 3: Lagrange approximation = 0.731704, Error bound = 3.513900e-08
Degree 4: Lagrange approximation = 0.731704, Error bound = 3.513900e-08
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/USER/Desktop/113_2/數值方法不應該長這樣/hw3_2.py
Approximate solution to x - e^(-x) = 0: x ≈ 2.288173
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/USER/Desktop/113_2/數值方法不應該長這樣/hw3_3.py
(a)：t = 10 s 時，位置 = 768.96 英尺，速度 = 50.89 mi/h
(b)：汽車未曾超過 55 mi/h
(c)：t = 4.06 秒時，最大速度為 92.04 英尺/秒
PS C:\Users\USER>
```