

## Example 2

$$f(x)=e^{(-x)}-(x)$$

Method 1 - bisection

root=0.5671

Function terminated due to flag 1:

0.0431

Method 2 - False position

root=0.5672

Function terminated due to flag 1:

0.0098

Method 3 - Fixed Point

root=0.5671

Function terminated due to flag 1:

0.0367

Method 4- Newton Raphson

root=0.5671

Function terminated due to flag 1:

2.2143e-05

Method 3 - Secant

root=0.5672

Function terminated due to flag 1:

0.0098