assignment02

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- 1 Assignment 02: Python Programming Taylor Approximation
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4 Define my function: $f(x) = \frac{1}{1+e^{-x}}$

5 Define my deravative function: $f(x) = \frac{e^{-x}}{(1+e^{-x})^2}$

6 Define taylor approxiamtion form.

7 Define domain and ouput of above functions.

```
In [5]: x=np.arange(-5,5,0.1)
y=my_func(x)
```

8 Randomly choose 3 points.

9 Compute the graphs

