HW 3 Problem 1

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| III MLE:
$$\theta = arg max \theta (1-\theta)^{m-h} \theta h$$

| $h = total data points h = total heads in data h | log \theta = log \text{ | log \theta | log \thet$

$$\frac{\partial}{\partial \theta} = \frac{\partial}{\partial h_{AP}} = \frac{\partial}{\partial h_$$