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STAT 221
Pset 3
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question 1. 1 $p(\lambda, \theta) \propto \lambda^{-1}$
 $\begin{bmatrix} N \\ \theta \end{bmatrix} = f\left(\begin{bmatrix} \lambda \end{bmatrix}\right)$

2 It is an improper prior: $\int_0^\infty \int_0^1 \lambda^{-1} d\theta d\lambda \rightarrow \ln(\infty) - \ln(0)$. This cannot integrate to 1 with any constant factor.

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