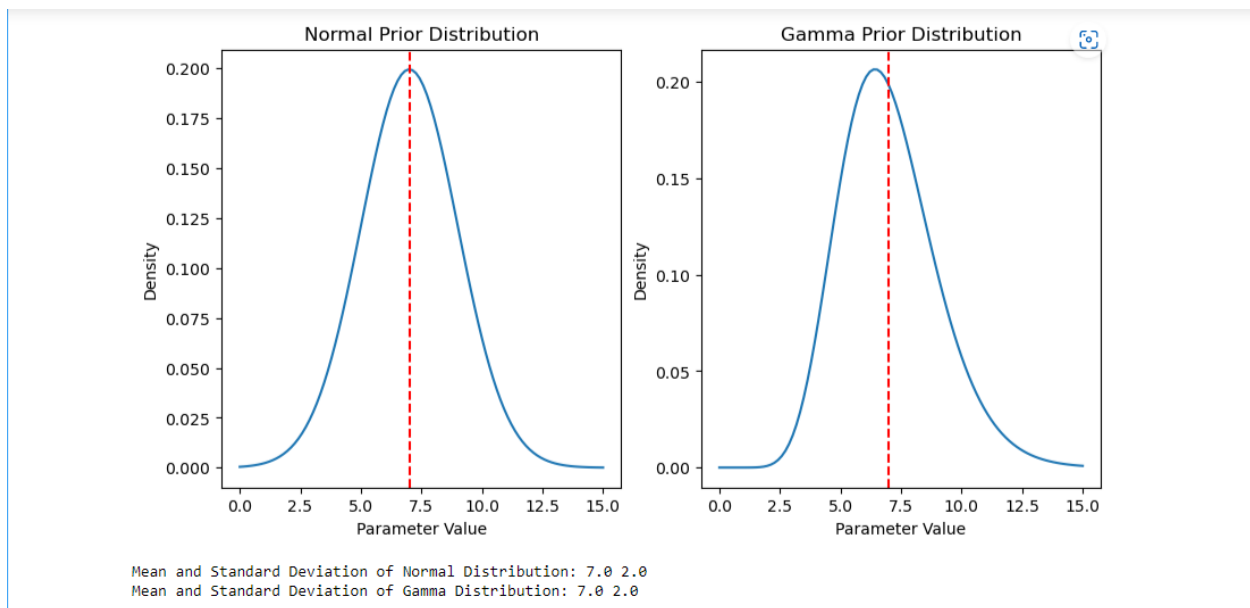


Name: Sheheryar Ramzan

Roll Number: 20I-0441

Section: B

### Question 1



### Question 2

94% HDI: [0.09651746 0.53000798]  
94% ETI: (0.09350266679011356, 0.5310820607852346)  
Posterior predictive probability of at least 1 event occurring: 0.9434782608695652