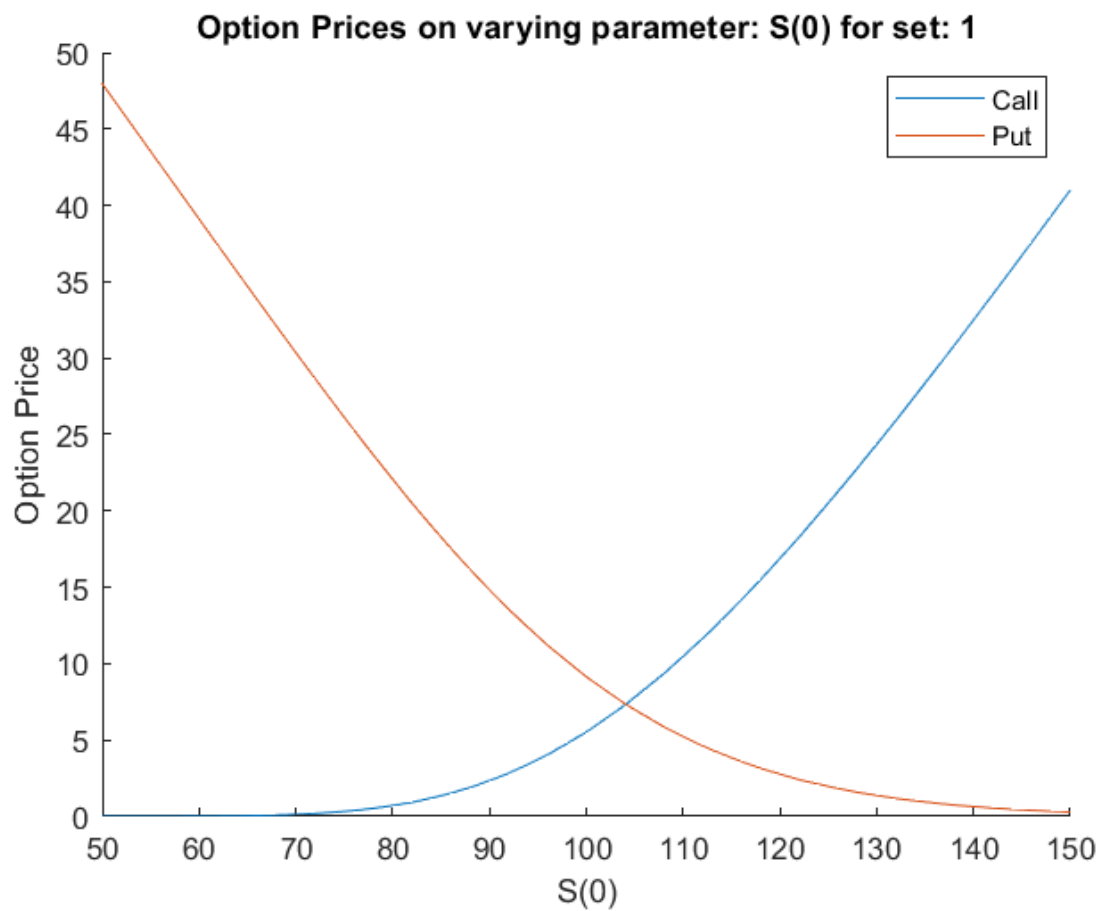
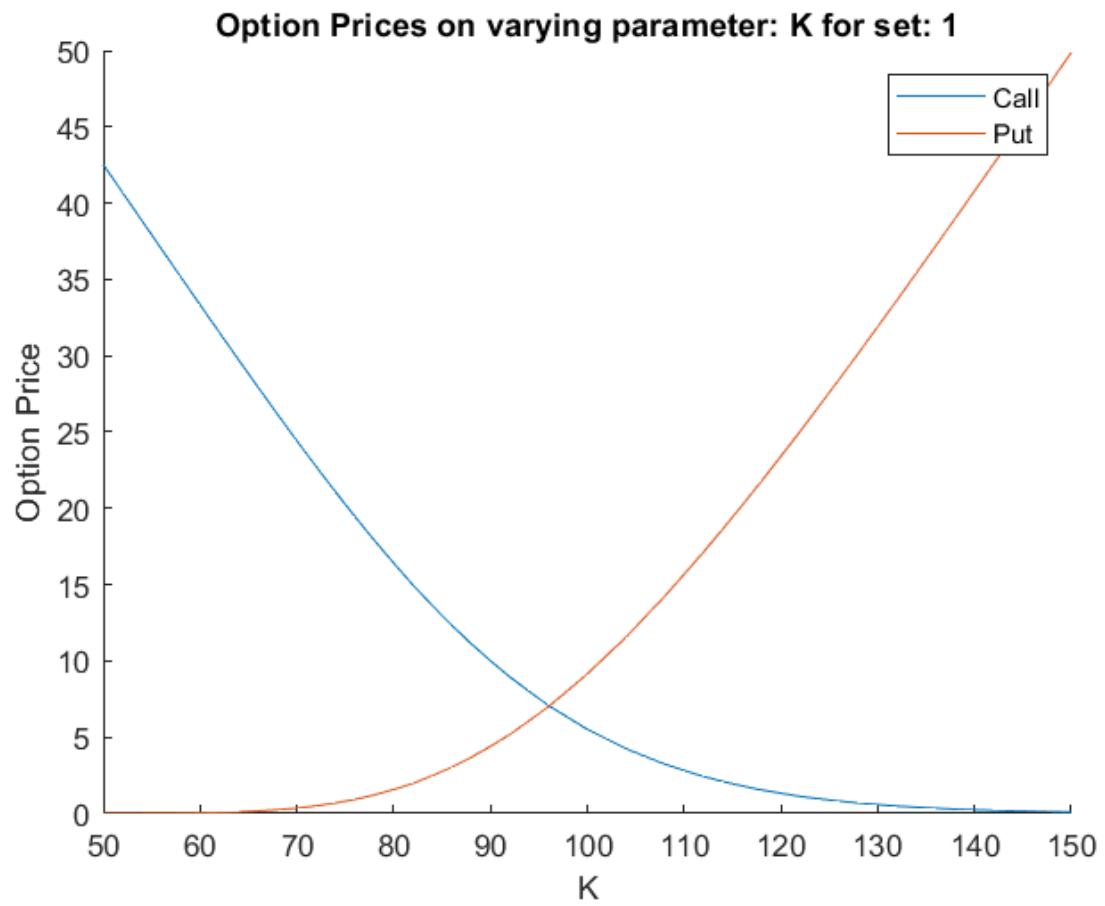


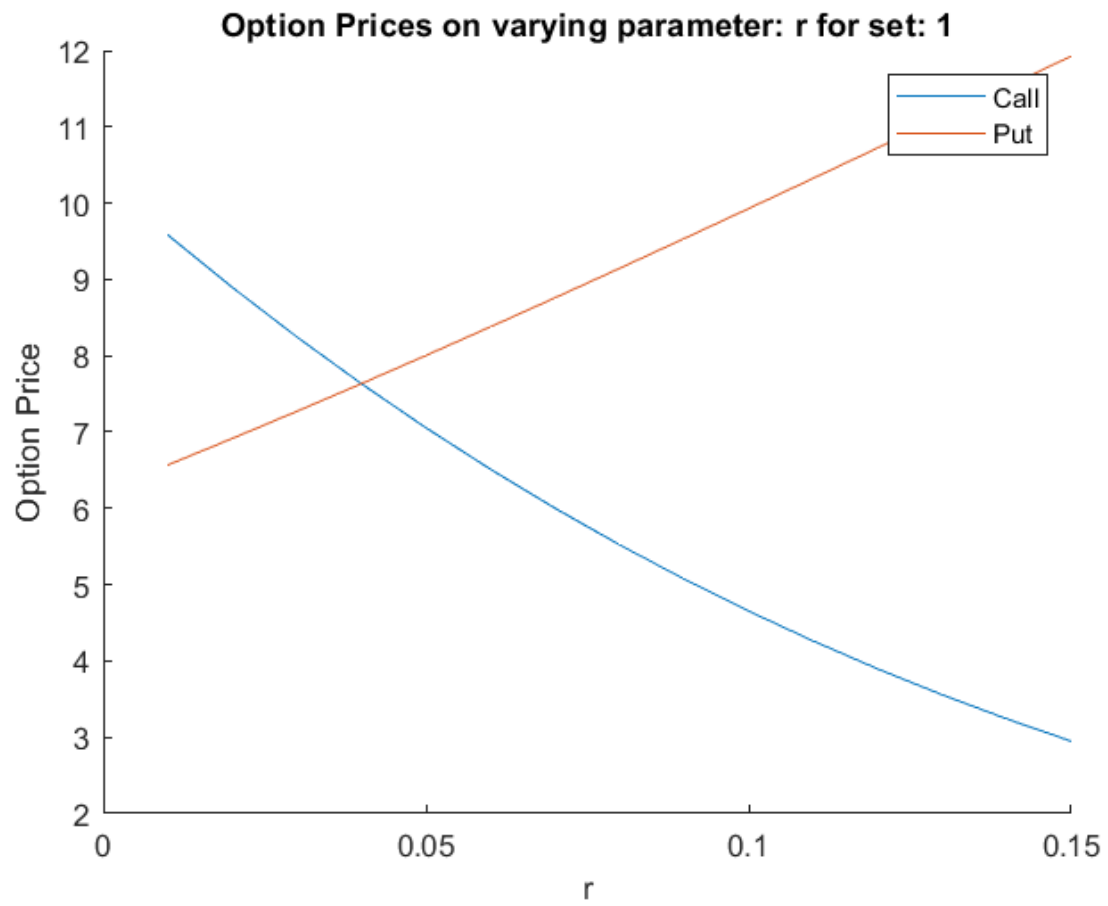
LAB 2

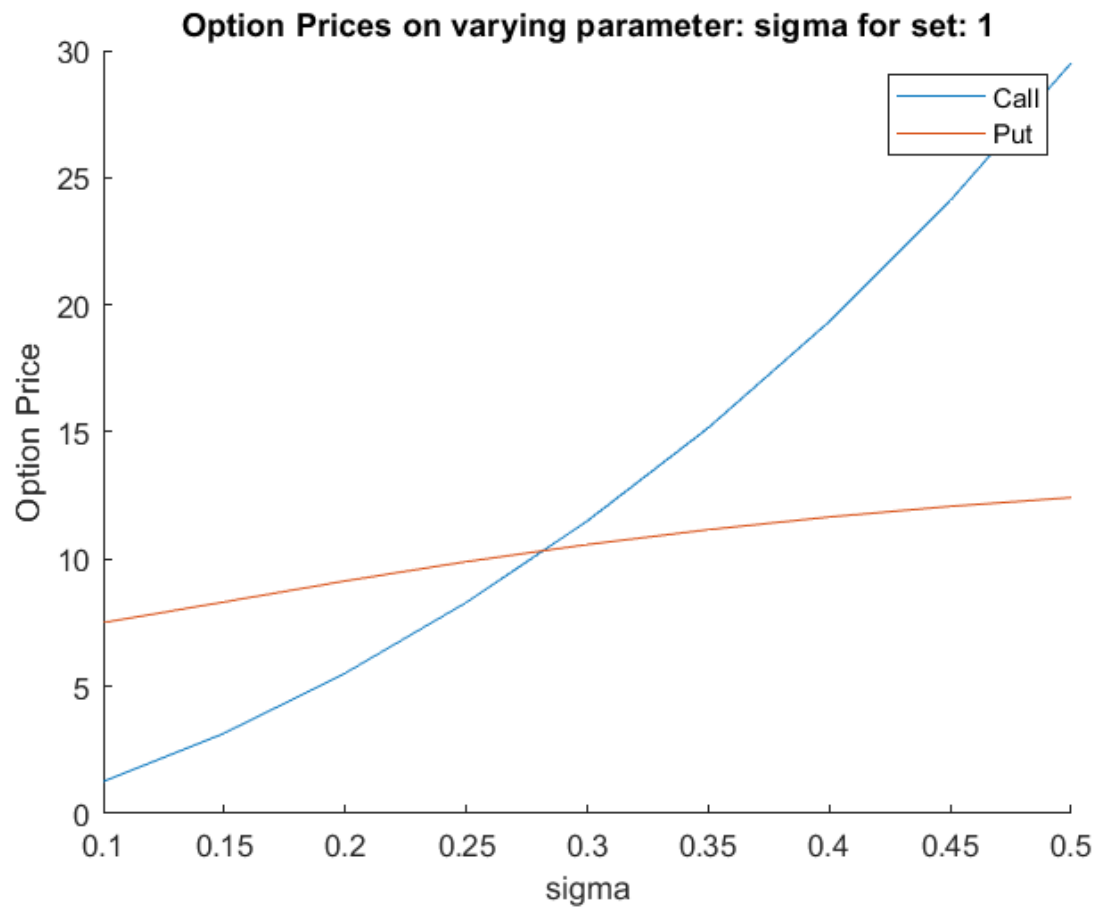
Following are the required graphs.

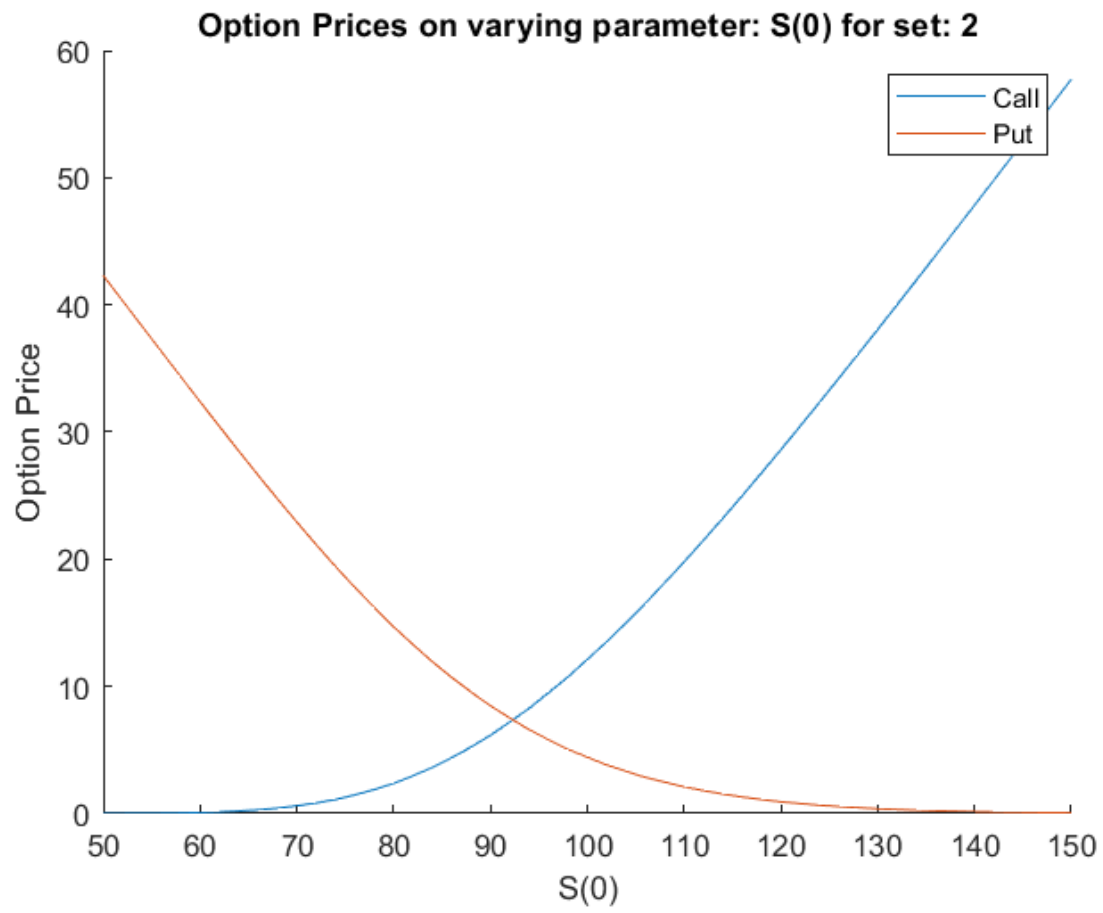
1)

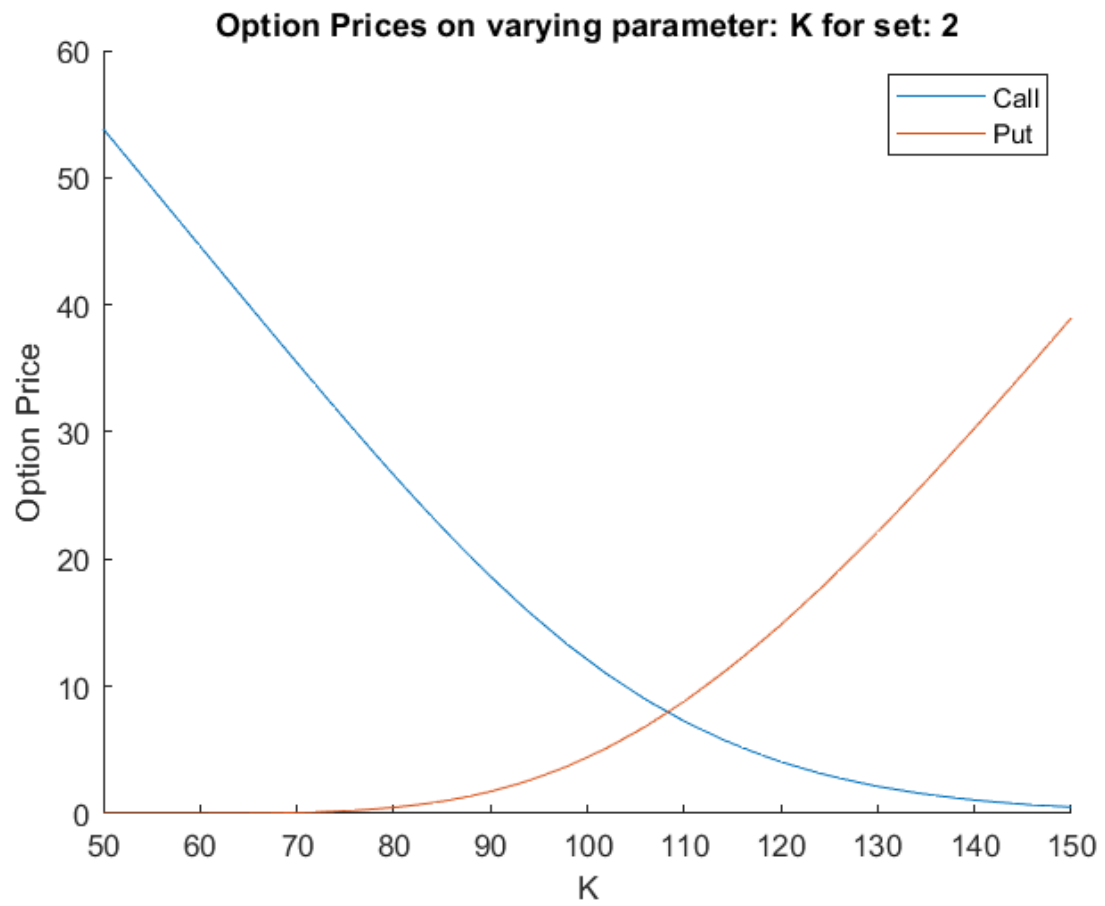


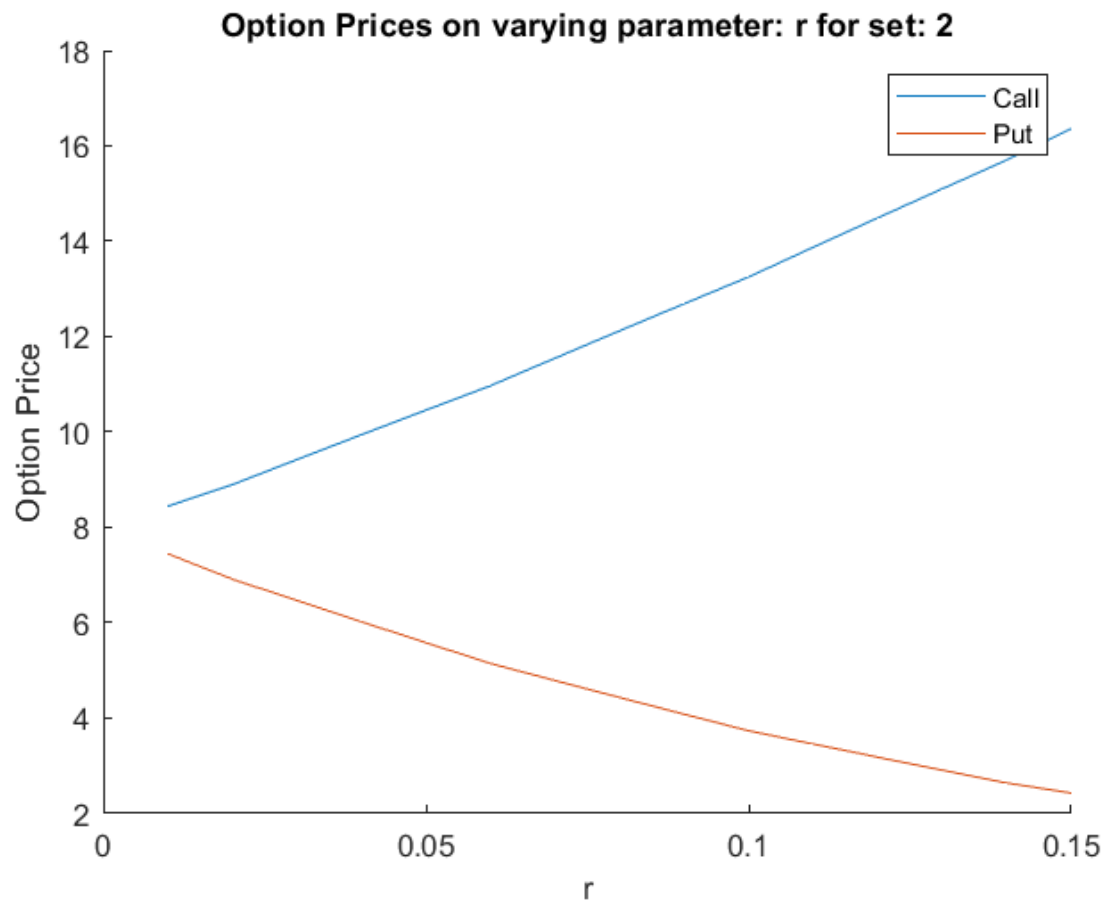


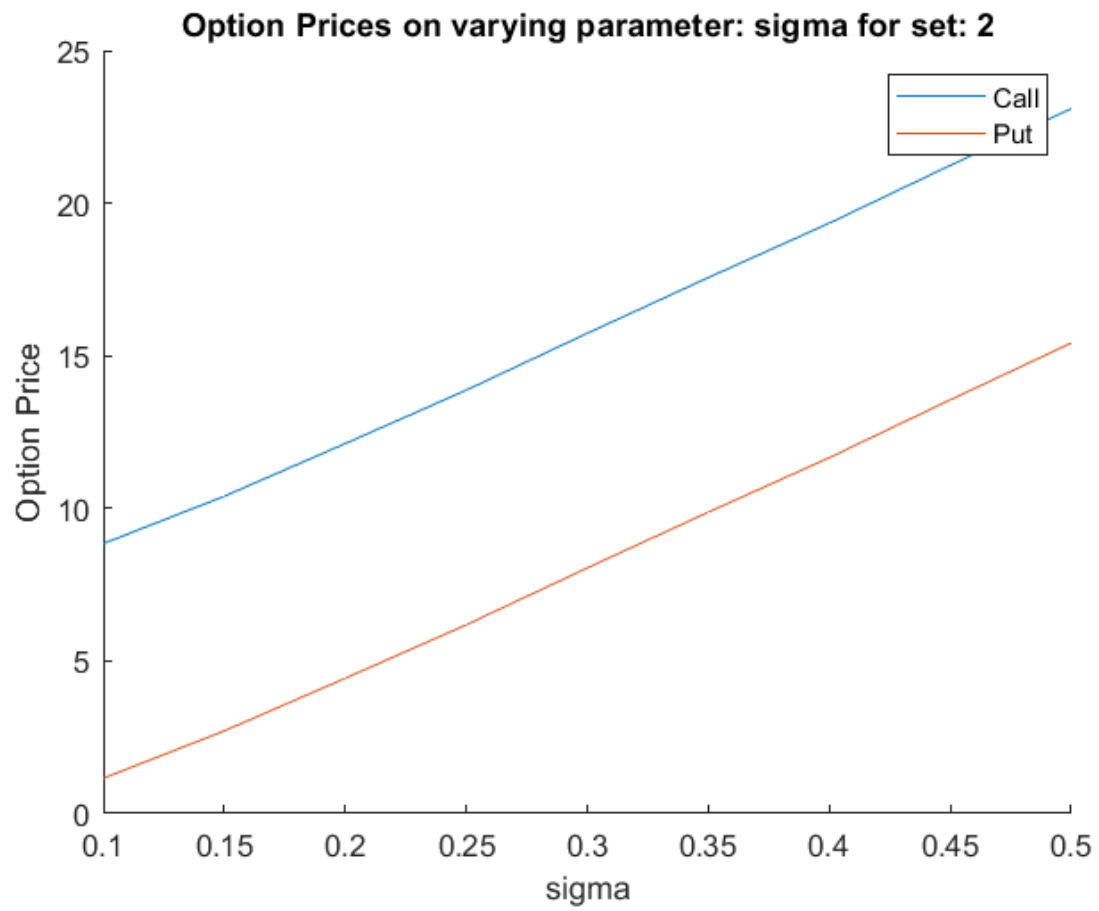




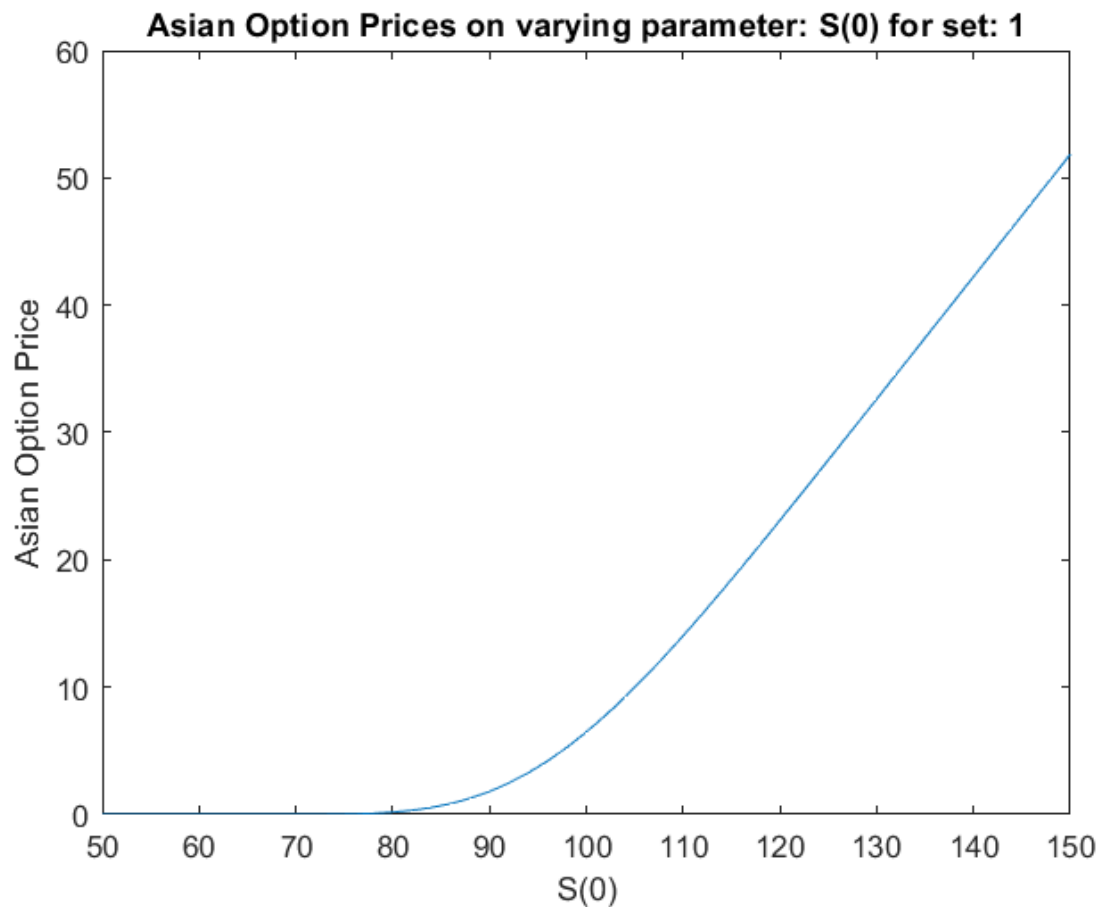


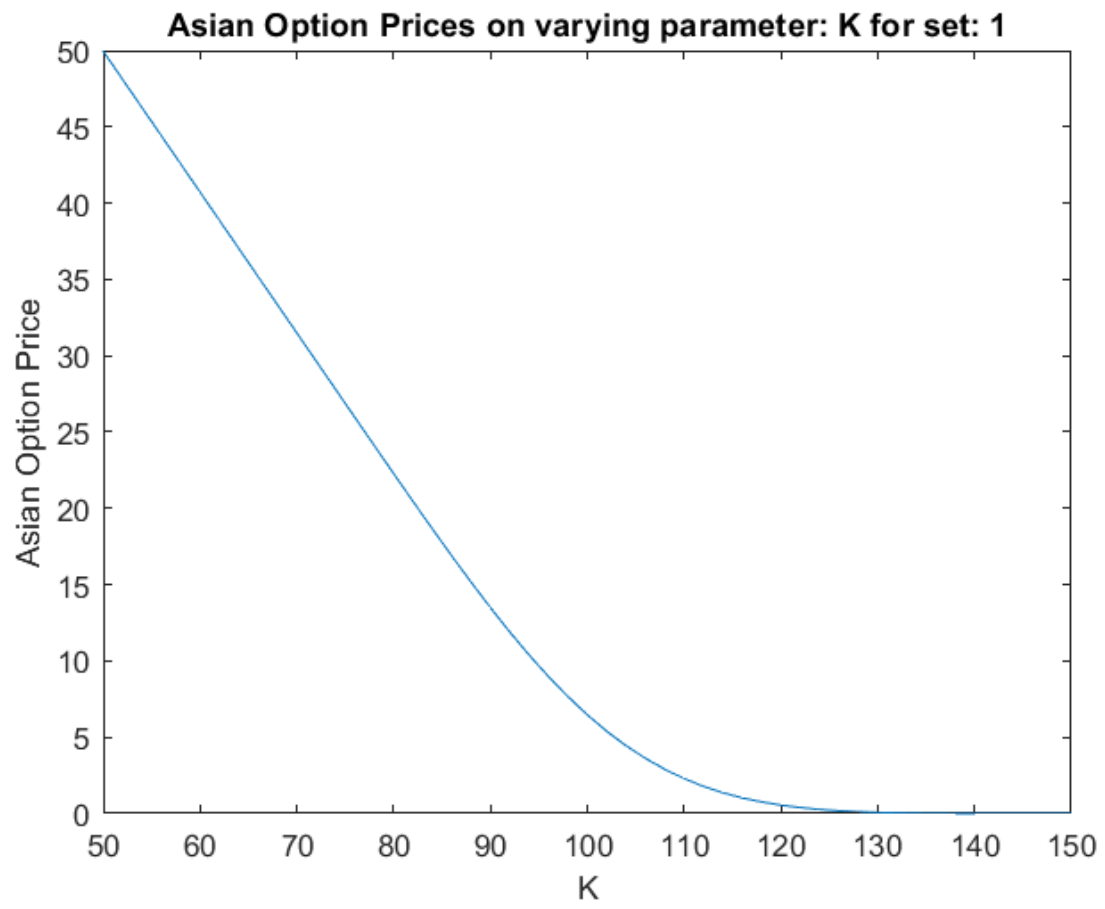


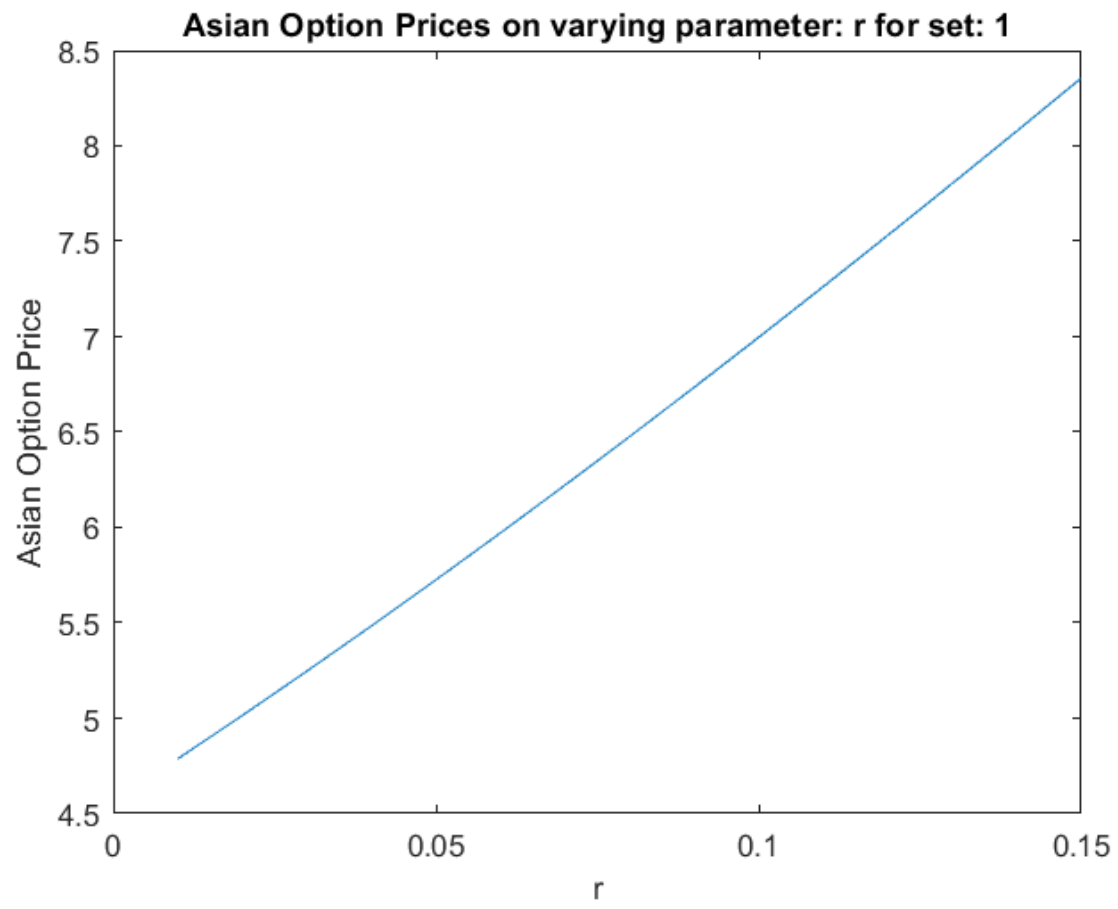


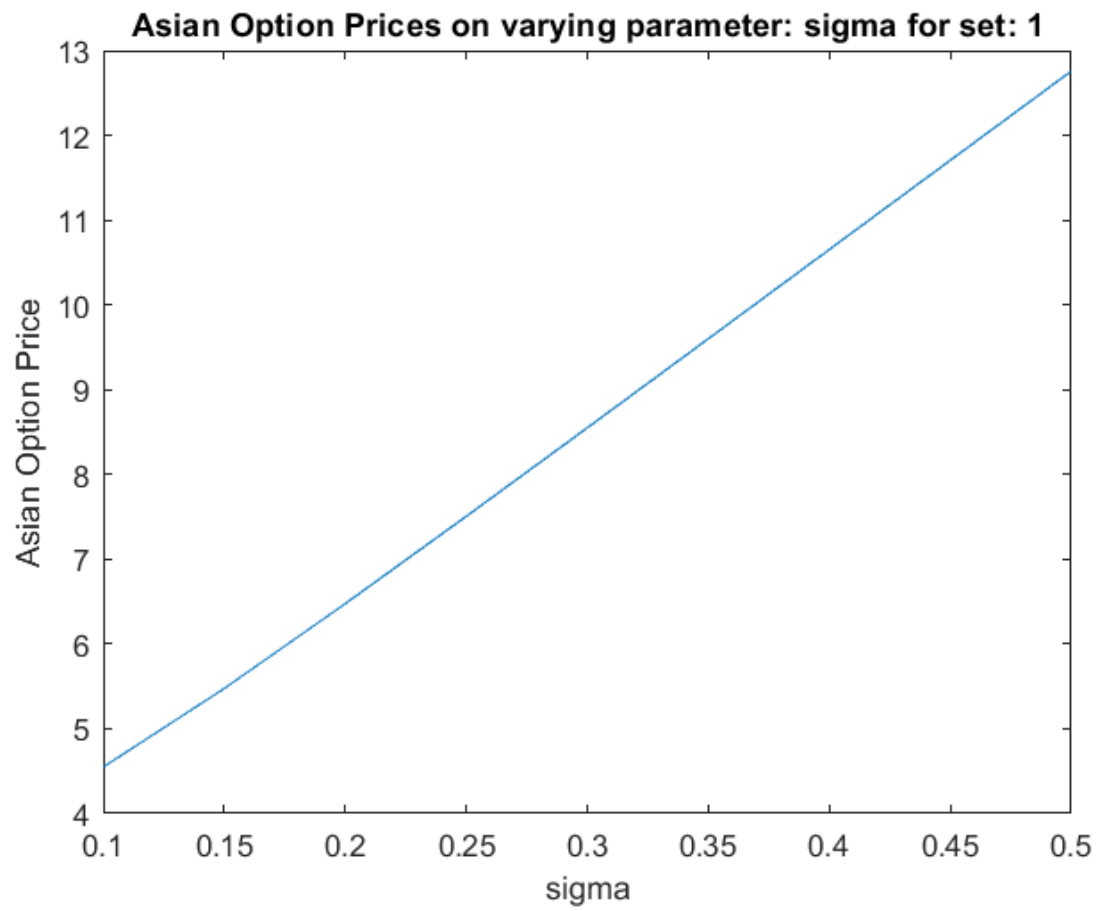


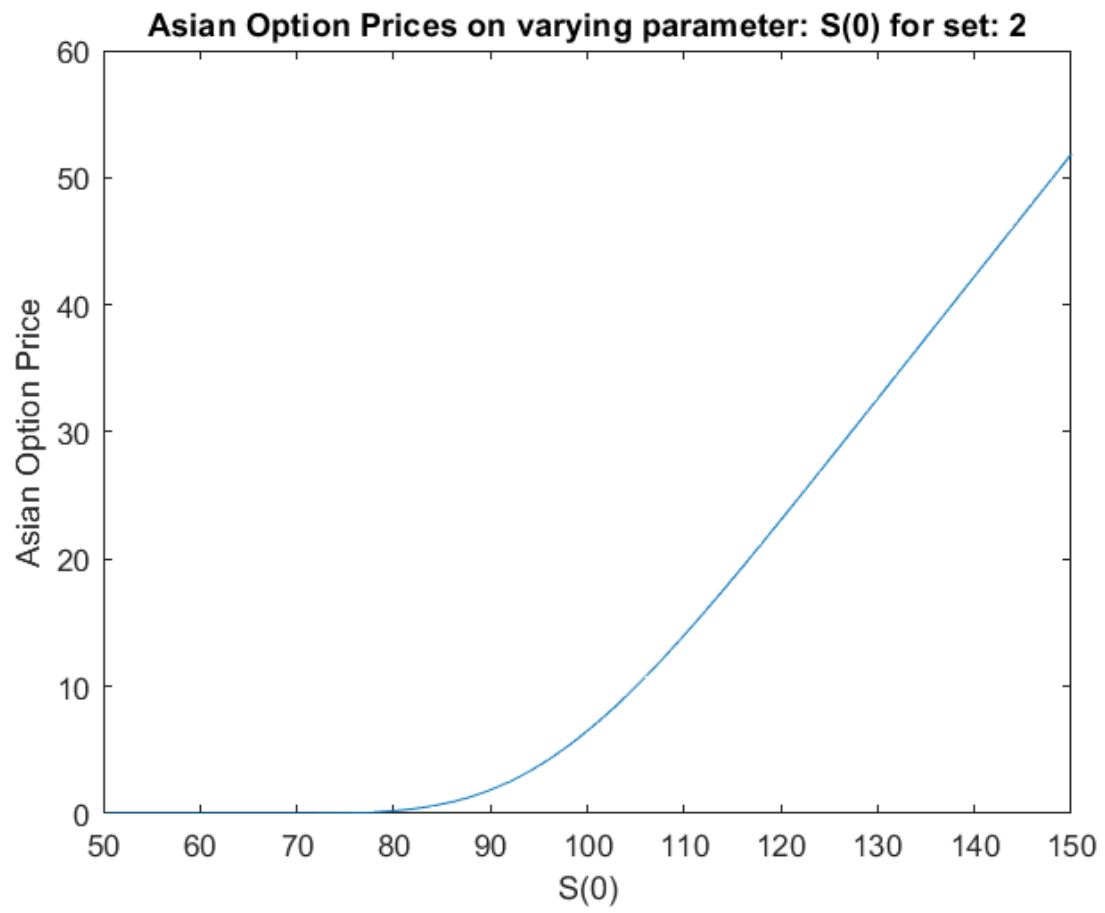
2) Path dependent derivative used in this question is Asian option with payoff $\max(\text{avg Stock price (upto time } T) - K, 0)$

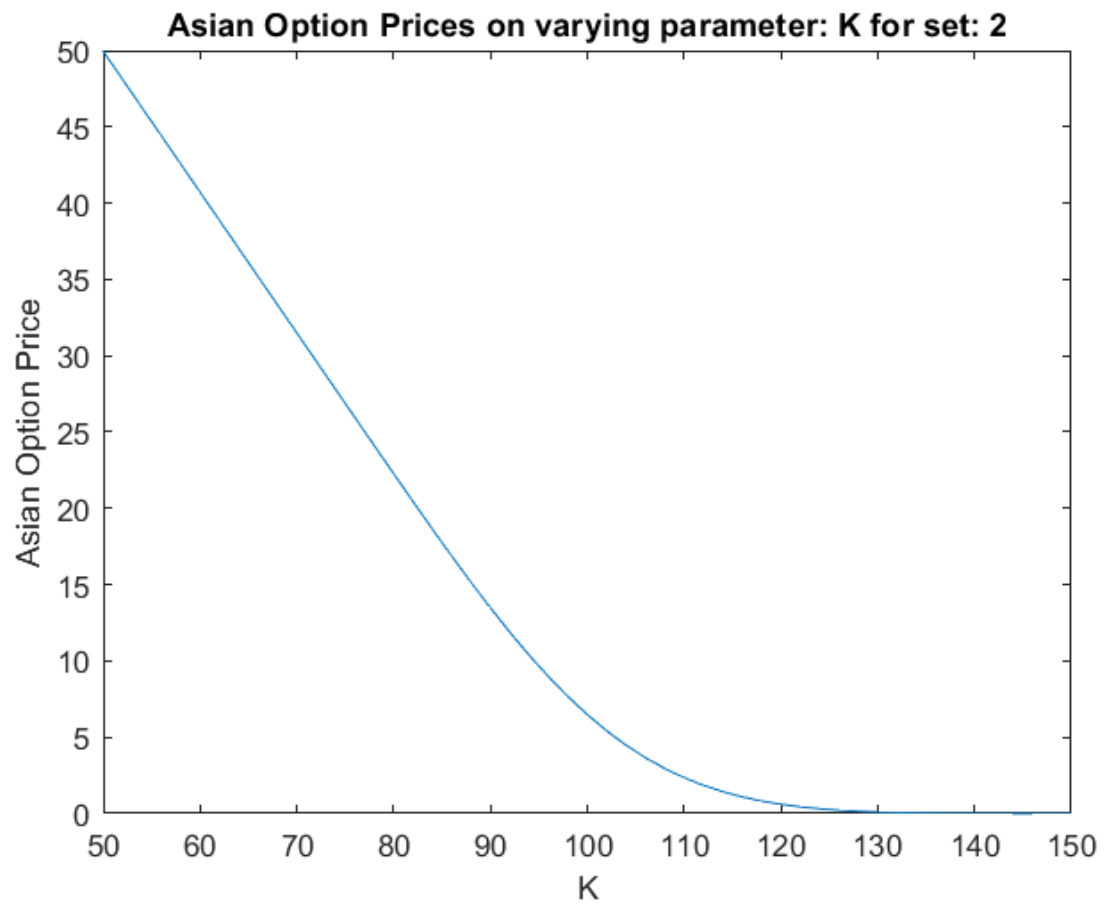


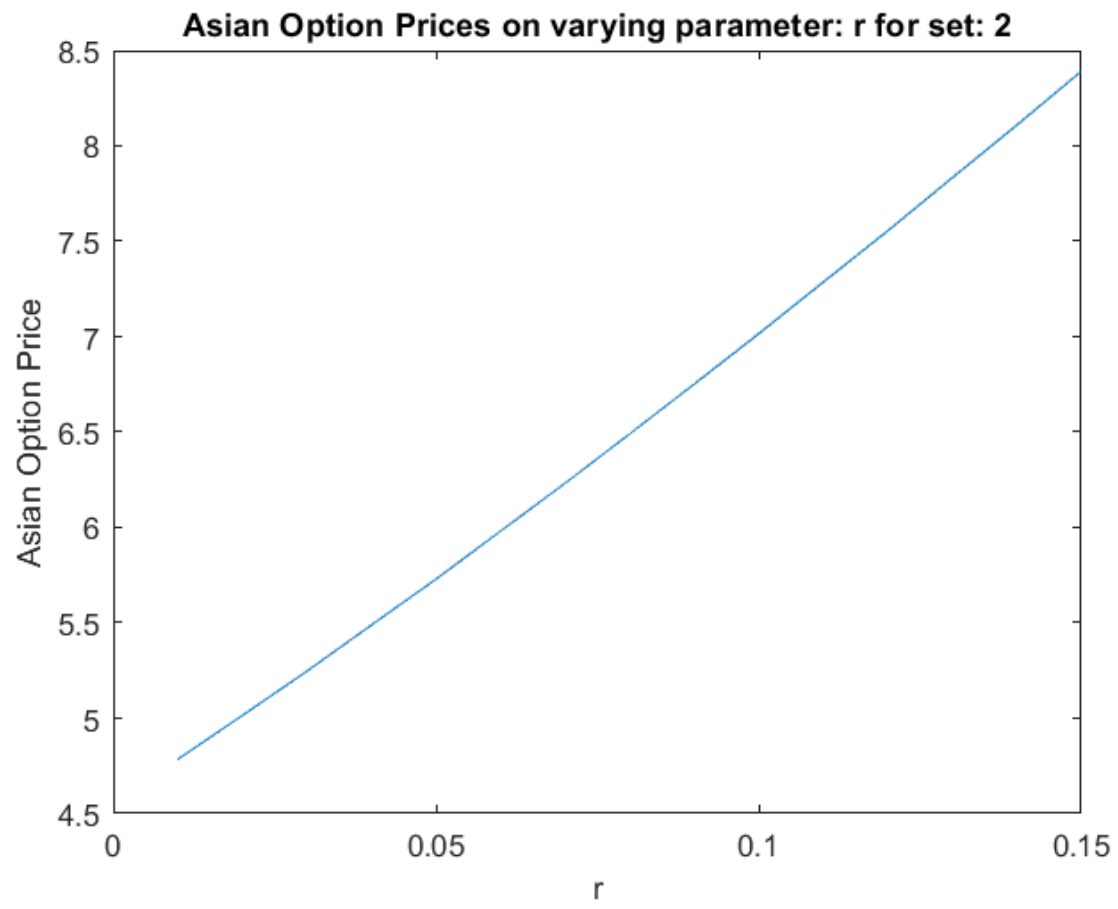


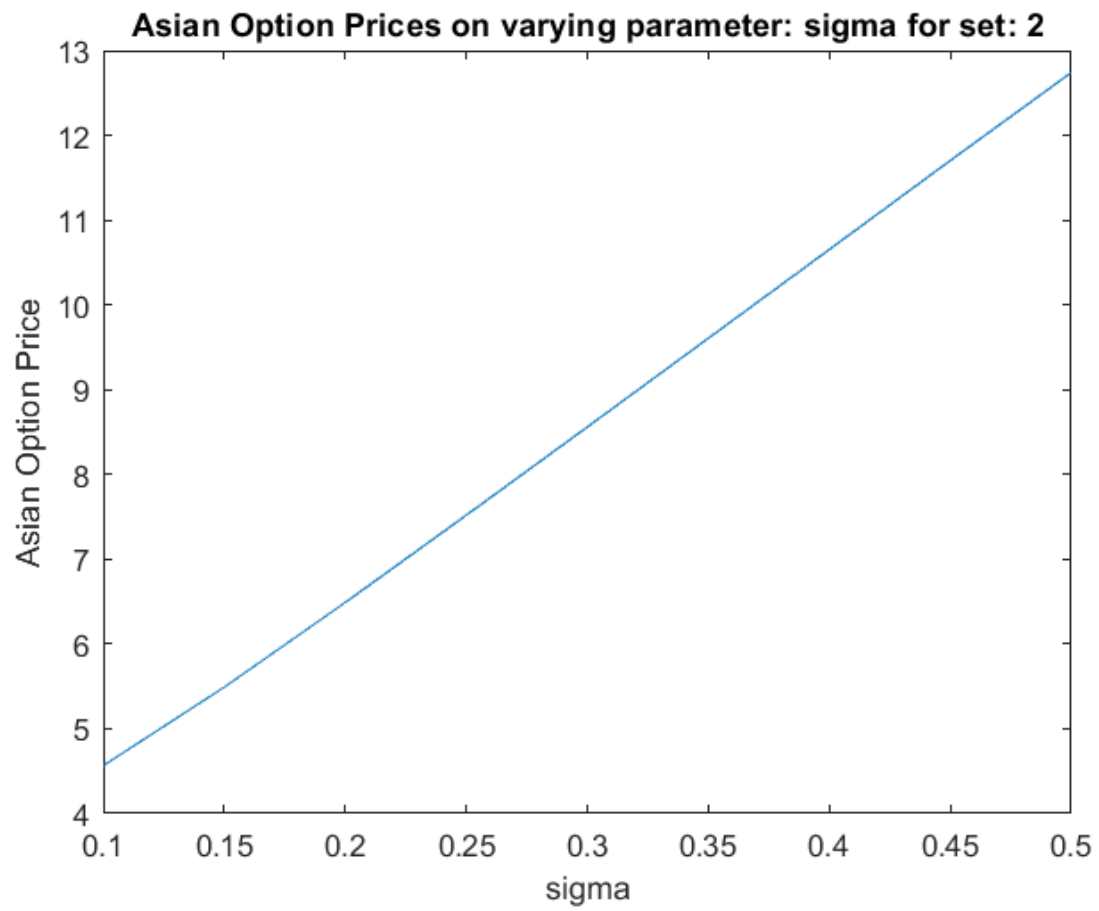












Analysis By varying M:

