SAMPLE PROBABILITY TREE

Marginal Prob.	Condition Prob.	Joint Events J	oint Probability
P	Host opens B = 1/2 B	Car-A and open B	$1/3 \times \frac{1}{2} = 1/6$
	Pation opens C=1/2 C	Car-A and open C	$1/3 \times \frac{1}{2} = 1/6$
P(Car -B)=1/3	P(Host opens C)=1 C	Car-B and open C	1/3 x 1 =1/3
MC Croris	P(Hosts opens B)=1 B	Car-C and open B	1/3 x 1 =1/3