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$$\frac{P(k=0|a=1,b=1,c=0) = P(k=0) [P(a=1|k=0) \cdot P(b=1|k=0)]}{P(x)} - P(c=0|k=0)]$$

$$= (\frac{1}{2}) [\frac{1}{2} \times \frac{1}{2} \times \frac{1}{4}] \cdot \frac{1}{2} \times \frac{1}{2}$$

... Since both the probabilities are same, for the given braining data, a naive bayes classifier will classify Xtest = (a=1,b=1,c=0) as k=0 (o) k=1 randomly.