

10 % of patients in a climit have lover disease of five bereent of the clinic fatient are alcholics. Among these patients diagnosed with liver discease 71 are alsohatis. You are inferested in knowing the book of patient having liver disease given that he is an alcoholic > P(A) = Prob of having liver disease = 0.10\_ P(B.) = Prob et alcohalism = 0.05. O.DJ. JP(B/A) =  $P(A|B) = ? = P(D|A) \cdot P(A) = 0.07 \times 0.10$ 0,05 P (B) 2/04 have won the watch  $P(B/A) \cdot P(A)$ P(B). when B has abreedy occurred you have Played the works.

Use: as Q yes Outlook Play Temperature Drucast Rainy Prob distribution \*