root mode

$$\frac{T_{n}+\sigma(D)}{-\left(\frac{8}{14}\right)^{2}\frac{8}{14}} + \frac{6}{14}\log^{2}\frac{6}{14}$$

$$= 0.985$$

YOUT

$$Info(0) = I(8.6) = 0.985$$
 age
 $Info(0) = I(8.6) = 0.985$
 age
 $Info(0) = I(8.6) = 0.985$
 age
 $Info(0) = I(8.6) = 0.985$
 age
 a

in come
$$I_{A}f_{0}$$
 in come $I_{A}f_{0}$ in come $I_{A}f_{0}$ in come $I_{A}f_{0}$ in come $I_{A}f_{0}$ $I_$

$$= \frac{4}{6} 7 (0.4) + \frac{2}{6} 7 (2,0) = 0$$

in come high XXXX

Student shudent buy

yes no yes no

hot buy buy hot

buy

buy:
$$\frac{8}{14}$$

 $P(c.3 | buy) = \frac{2}{8}$
 $P(high | buy) = \frac{2}{8}$
 $P(1e5 | buy) = \frac{3}{8}$
 $\frac{3}{8} \times \frac{3}{8} \times \frac{3}{14} = 0.013$
Not buy: $\frac{6}{14}$
 $P(c=30 | not) = \frac{4}{6}$