Question 1	cat	Documents
Training	-	inst plain bosing entirely predictable and bets energy
	+	no susprises and very good lough
	+	the most for film of the summer
Testing.	?	predictable with no fur

ANSWER:
$$P(\omega/c) = \frac{c_{ourd}(\omega,c)+1}{c_{ourd}(c)+|V|}$$
; $P(-) = \frac{3}{5}$; $P(+) = \frac{2}{5}$ here $|V| = 20$

$$P \left(\text{predictable} \right) = \frac{1+1}{13+20} = \frac{2}{33}$$
; $P(\text{with}) -) = \frac{0+1}{13+20} = \frac{1}{33}$

$$P(\text{predictable}|+) = \frac{0+1}{8+20} = \frac{1}{28}$$
; $P(\text{with}/\text{Ab}) = \frac{0+1}{8+20} = \frac{1}{28}$

$$\begin{array}{lll}
 & p(ho/-) &= \frac{1+1}{13+20} = \frac{2}{33} \\
 & p(ho/-) &= \frac{1+1}{13+20} = \frac{2}{33} \\
 & p(ho/+) &= \frac{1+1}{13+20} = \frac{2}{28} = \frac{1}{14} \\
 & p(ho/+) &= \frac{0+1}{13+20} = \frac{2}{28} = \frac{1}{14}
\end{array}$$

$$p(-|Test) = \frac{3}{5} \times \frac{2}{33} \times \frac{1}{33} \times \frac{2}{33} \times \frac{1}{33} = \frac{12}{5929605}$$

$$P(+|Test) = \frac{2}{5} \times \frac{1}{28} \times \frac{1}{28} \times \frac{1}{14} = \frac{2}{1536640}$$

: P(-/Test) > P(+/Test); Test data belongs to - class.