Potrain (Monday) (2) (1) P=0.7 would expect it to lunch 262. (1) (1) PLE) - PLEIL) = 0.25 PLLIE) . PLE) P(EIL) d P(LIE).P(E) PCE) P(LIE) + P(M) P(LIM) 0.5 x 0.3 + 0.5 = 0.23 13/13, B/W, WIW BB=1/6 BW=R/6 NW=3/6 0.5 B/B' 116 13/0, B/B, W/W, B/W B'/B 1/6 2M5. 13/B 2/6 BIN B/W

BN (18 WN

B?
$$\rightarrow N$$
? $P(?!=8) = 0.75 (y=1)$

BN $\rightarrow NN$

BB' $\rightarrow NN$

NN'

NN'

2411 $P(TMNS|E) = 0.2$ $P(T|H) = 0.1$ $P(A| > 0.5$
 $P(TMNS) = P(A|T) = 0.15$

P(A|T) $= \frac{P(T|A)}{P(T)} = \frac{P(T|A)}{P(T|A)} = \frac{P(T|$

= 0.166

```
2HZ 3 (prev calculated
2H3 Pata: Twins, Single.

P(A | [[1,5]]) given have

P(A | S|A) = \frac{P(S|A) P(A')}{P(S|A) P(A')}

P(A|S) = \frac{1}{3}

P(S|A) = 0.9

P(A|S) = \frac{0.9 \cdot \frac{1}{3}}{0.85}

P(A|S) = \frac{0.9 \cdot \frac{1}{3}}{0.85}

P(A|S) = \frac{0.9 \cdot \frac{1}{3}}{0.85}

P(A|S) = \frac{0.9 \cdot \frac{1}{3}}{0.85}
               P(A|ET,S) given have extendations for Twingeunt.

P(A|S) = \frac{P(S|A) P(A')}{P(S)} P(S) = 1 - P(+) = 0.85
                     P(SIA) = 0.9 (1-P(TIA))
               P(Als) = 0.9. \frac{1}{3}
0.85

0.35924
         2H4. PLA) = 0.9 PLB) = 0.65
            fin P(A|PA) = 0.9, P(B|PB) = 0.65/
                      RCPAIA
                   P(PATA) = 0.6, P(PB-1B) = 0.65
PLAIRA) = P(PAIR)PLA)
PARP(X)
UP PA P(x) = 0.1.0.8 + 0.2.0.65
                                               = 0.21
                     P(AIX) = 0.8.0.1
                                  = 0.39093
```