Nama NIM 21/A79067/TK/52800 Lelas Telerologi Informari Prodi UTS Matematika Dirkret Tipe A. Al Tunjekken prepasisi dibawah adalah tadalogi a: 5= (png)v(-pv:(pn-g)) Toutologi harus bornilai fue unhu semua nilai p don Q -PV(PA-Q) Jadi, 5 = (P1-9) V(-P.V(P1-9)) ordalah tauto logi A2 Gunakan logiki interevi untru menuruiakan keringulan - r (5 vg) -08 (PRINT) (Premar) 20 a (Prims) \* (5 U9) - A 1~(5 Vg) -0 ~0 x, y, x; where i= h 1,2,... 11} fam student number. x=2, Y=1, X:={0,0,8,2,5,7,6,0,9,7,4} BO A = 9-8+1 = 2 B= 0+0+0+1=1 E 四

The latter of the part of the part of the part of

KIKY)

Acrona n=k

P(k): 2+2+1+(1/2+1)2+...+(1/2+1) × = 2(2) k+1-2

or n:k+1  $P(k+1): 2+\frac{1}{2}+1+\left(\frac{1}{2}+1\right)^{2}+\dots+\left(\frac{1}{2}+1\right)^{k}+\left(\frac{1}{2}+1\right)^{k+1} \leq 2(2)^{k+2}-1$   $p(k) \rightarrow 2+\frac{1}{2}+1+\left(\frac{1}{2}+1\right)^{2}+\dots+\left(\frac{1}{2}+1\right)^{k}+\left(\frac{1}{2}+1\right)^{k+1} \leq 2(2)^{k+1}-2+\left(\frac{1}{2}+1\right)^{k+1}$   $22^{k+1}-2+\left(\frac{1}{2}+1\right)^{k+1} \leq 2.2^{k+2}-2$   $2^{k+1} \leq 4.2^{k+1}-2.2^{k+1}$ 

3 Kt ( 2. 2 Kt ) 2 Kt )

Because the basis of the power is true and k is a positive integer. 50, n=k+1 is true.

CENT

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Date.
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B3. P={2,3,4,7,11,10,29)

\* storting in even and ended with Even P= 3 5 9 3 2 = 3.5.4.3.2 = 360

# Starting in even and ended with prime  $P_2 = 25439 = 2.5.4.3.4 = 360$  (Starting with out 2)  $P_3 = 35433 = 3.5.4.3.3 = 591$  (starting with 2, and nitended with 2)

total prosible string = Pi+Pz+P3 = 360+360+540 = 1260 TIPE C.

(1. P(tunni): 0,2

P(usedit): 0,9

P(delit-17 lit) = 0,6

a = P (tonki) = 0,2 b. tonki = kredit = 0,3 debit = 0,4

C-P(71/1) = 0,65

P(Tunai | >1jt) = 0,25

P(Tunai | >1jt) = P(Tunai | 71jt) - P(71jt)

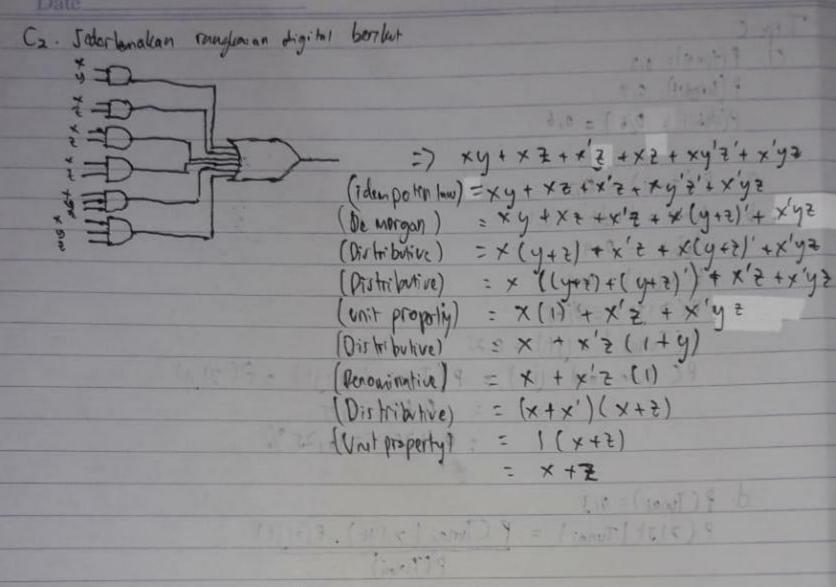
- 0,65 . 0,25

d. P(Tunai) = 0,3

P(713t | Tunai) = P(Tunai | 71jt). P(71jt)

P(Tunai)

= 0,541667 %



1200 10