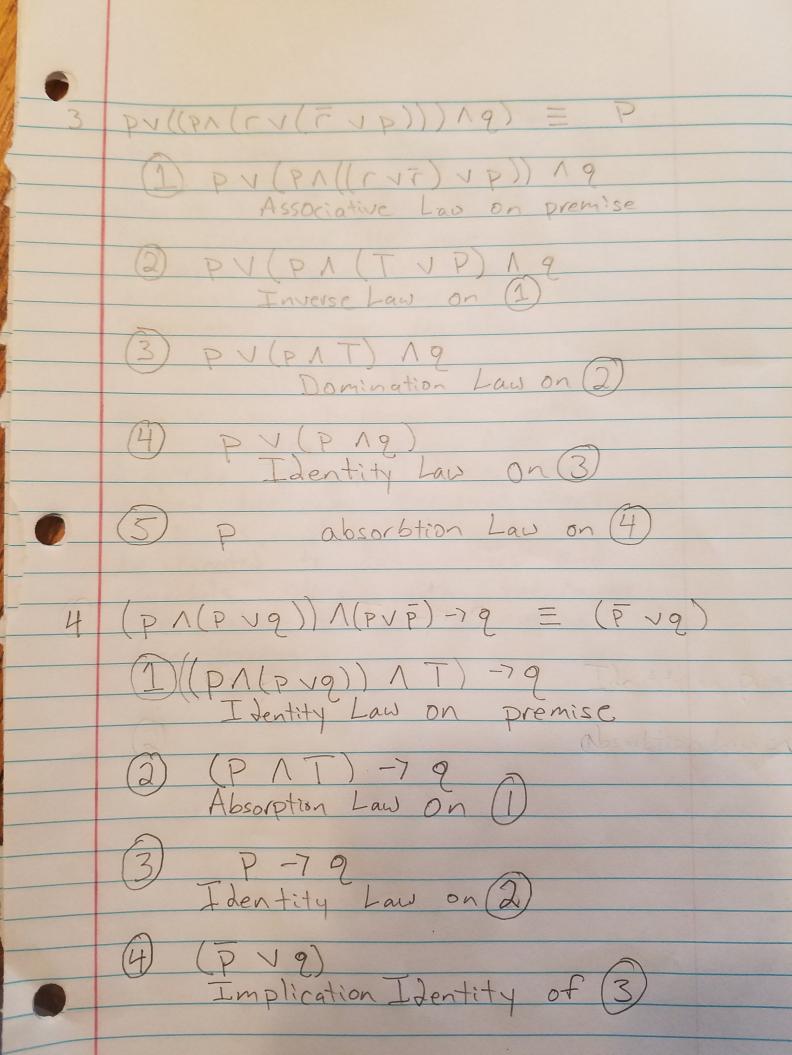
Die Born are (VP ((VP) 19) (PA9) 1/(VP) 19 9 119 -F 47 198 (xol) 98 = 49 = 0 = 23 = 1 2147 2/23 = 11=1 2549=24=1 2524 = 12 = 0 SII = 5 = 1 255 = 2 = 1 2512 = 6 = 0 2/2 =1=0 256 = 3 = 0 251 =0=1 253=1=1 Start o's to left 251 = 0 = 1 MER Value The same 010111 1100010 1001101) B) 13 2 211 (and) 2 [3 = 6 = 1 2 211 = 105 = 1 00001101 6 = 3 = 0 21 105 = 52 =1 1 11010011 252 = 26 = 0 (00000001 3 = | = | 26 = 13 = 0 1 =0=1 2513 = 6 = 1 216 = 3 = 0 253 = 1= = 0=1 211

```
99 | 131 (or)
  2 \lceil 99 = 49 = | 2 \lceil 131 = 65 = | 2 \lceil 49 = 24 = | 2 \lceil 65 = 32 = |
                 2565 = 32 =1
  2 [24 = 12 = 0 2 [32 = 16 = 0
  2/12 = 6 = 0.
               2/16 = 8 = 0
  216 = 3=0 218 = 4=0
                 214=2=0
  2/1=0=1 2/2=10
        (1100011)
          V 6000011
         (100011)
13 ( 3 (left shift)
  K=3 13×2" = 13×23 = 104
  13=1101 loft shift by 3=[1101000]
64+32+8=104
198 >> 4 (Right Shift)
   2/198 = 99 =0
   2/99 = 49 = 1 00001/000110
    T49 = 24 = 1 0000 1100
   2 124= 12=0
     12 = 6 = 6
   256 = 3 = 0
   213=1=1
```



Ada Lovelace is considered the First computer programmer. She was mentored by Charles Bobbage Who is Known as the father of the computer. He invented the différence engine which performed mathematical calculations. Ada was captivated by the machine. In 1843 Ada translated an article on Babbage's invention the analytical engine. Not only did she translate them, she added her own personal work be created to add letters and Symbols along with the numbers, She also theorized a method for looping.

