Name: Farah Jasmin khan.
ID: 19101239
Section: 04.

Quiz-02.

Answer to the question no: 1.

Clothes.
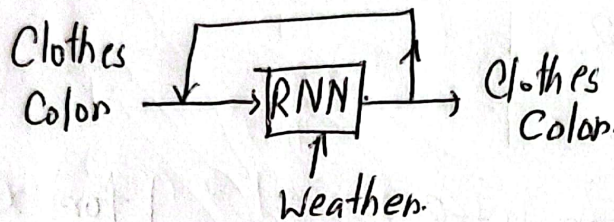
Color input variable sequence = {black, gray, pink, white}.

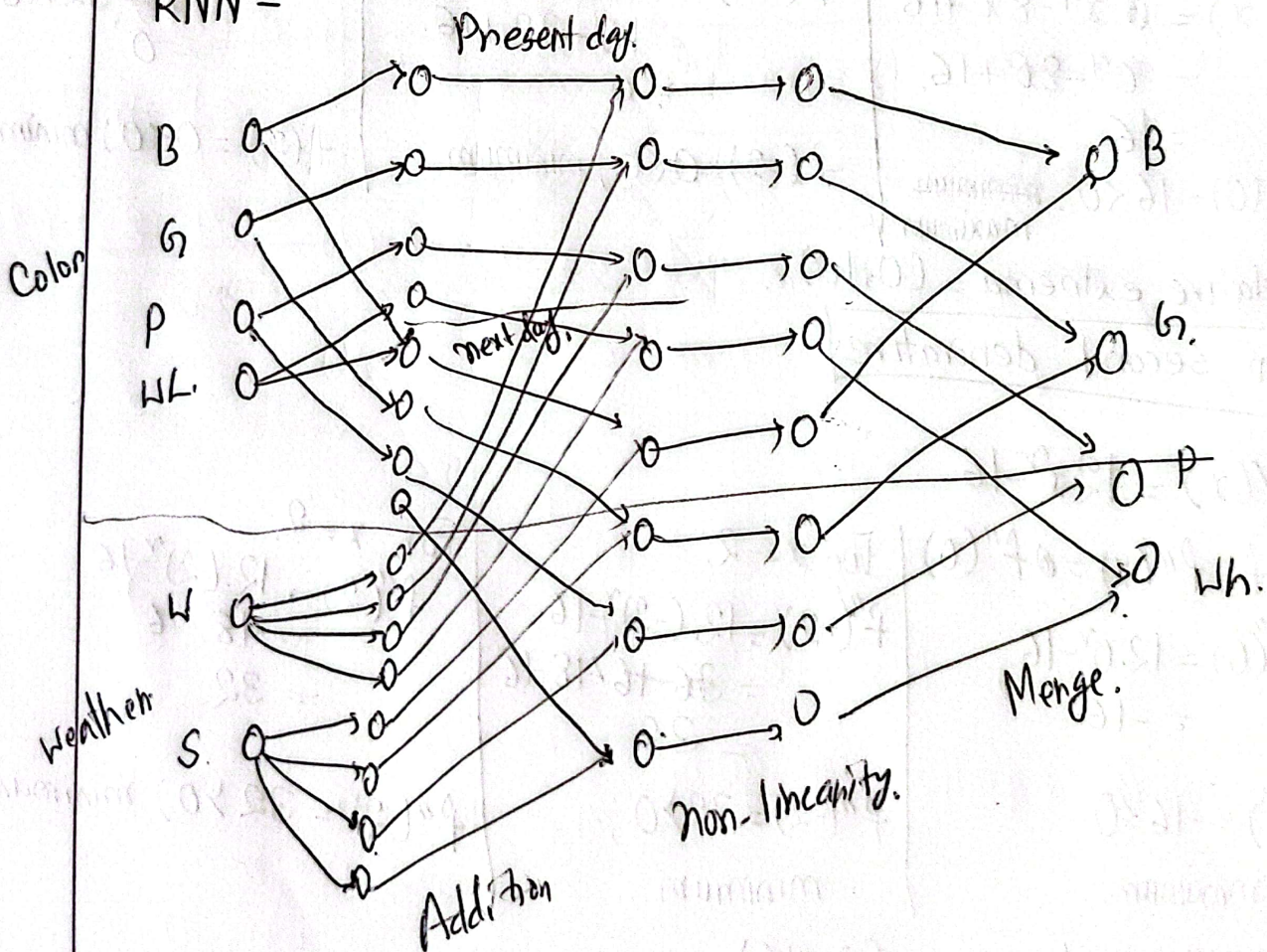B   G   P   HL.
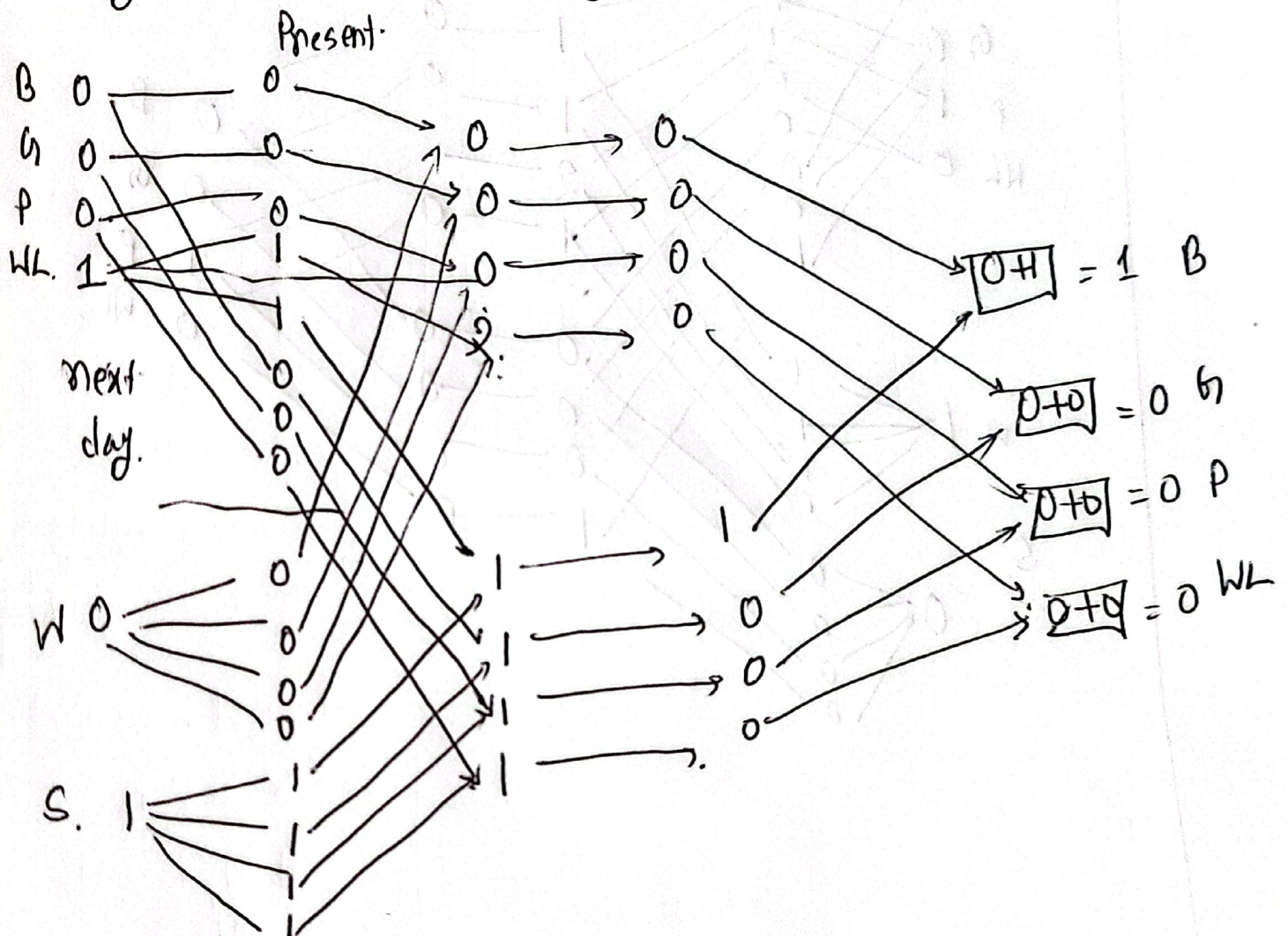
Weather input variable = {windy, sunny}

W   S

feedback.

Clothes Color → RNN → Clothes Color.

Weather.

RNN –

Present day.

B

Color   G

P

HL.

next day.

Weather

W

S.

non-lineanity.

Menge.

Addition

All the matrices are: $B = \begin{bmatrix} 1 \\ 0 \\ 0 \\ 0 \end{bmatrix}$, $G = \begin{bmatrix} 0 \\ 1 \\ 0 \\ 0 \end{bmatrix}$ $P = \begin{bmatrix} 0 \\ 0 \\ 1 \\ 0 \end{bmatrix}$ $Wh = \begin{bmatrix} 0 \\ 0 \\ 0 \\ 1 \end{bmatrix}$

$$S = \begin{bmatrix} 0 \\ 1 \end{bmatrix} \qquad W = \begin{bmatrix} 1 \\ 0 \end{bmatrix}$$

We ~~won't~~ want to wear the black on the next day. So, today's conditions are sunny & wearing white.

$\boxed{0+1} = 1$ B

$\boxed{0+0} = 0$ G

$\boxed{0+0} = 0$ P

$\boxed{0+0} = 0$ WL

So here we can observe that we take sunny day 4.
and white clothes & for next day output we get black,
which is in sequence.
Also we take pink, windy & we get pink.