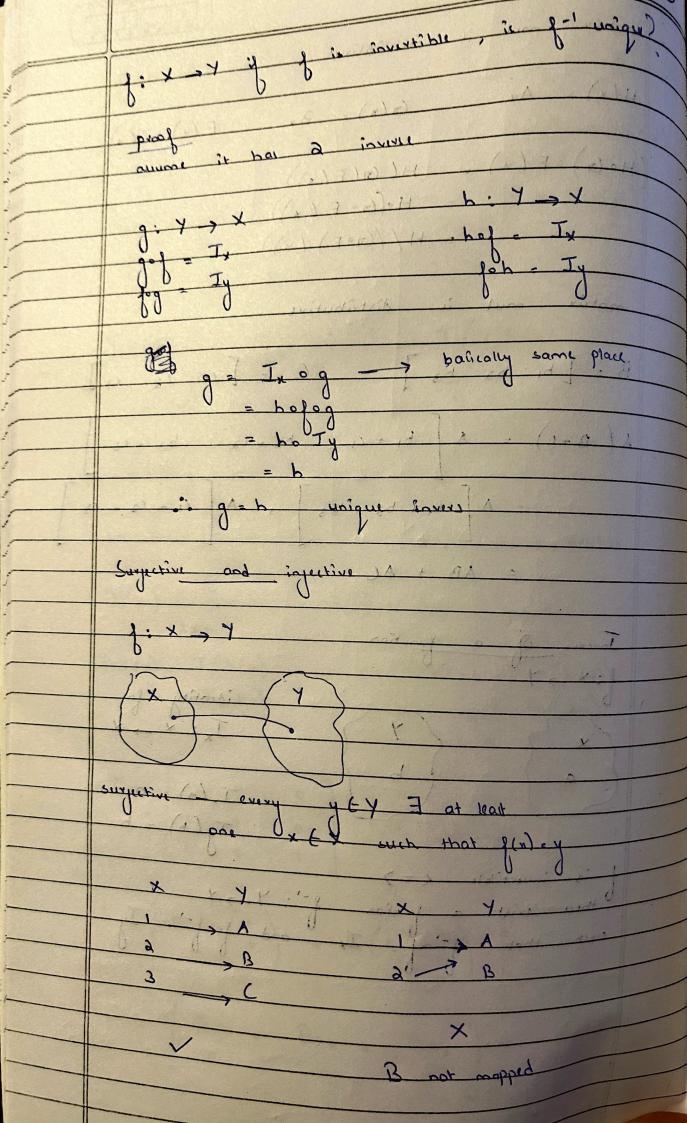
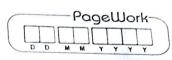


matrix of mul is established to the test	
H(x) = Ax $G(x) = Bx$ $F(x) = Cx$	
I word a lad to secure	
(HoG) OF (x) = H(G(F(x)) HO(GOF(x)) HO(GOF(x))	
H. (G. F (x))	
101- W/((TOE) /W)	
The file of the state of the st	
malrix mul is distributive	
B= [b, ba ba] C= [4 (2 (3)	
B = [b, ba b3]	
6000	
A(B+1) = A b1+12 b3+12 b3+13	
	7
- A [b) + ba + b3] + A [(i + c2 +	(3)
= AB + AC with the	
Javerie of a function	
1; x > 7	
identity of	
Tx: X X	
(a) b	
Joseph Tx(a) = a	
To (b) - b	
1 is invertible < ->	
by there exists a supplier &-1. Y	
such that A 2-1 and T	
and of Ty	
400 60	
E STATE OF THE STA	
William to M	





	iguetive one to one y for any y \in Y one x \in X B C
Ne	Relating invertibility to ante and one to one
	invertible (-> for every y & Y (co-domain) there exists UNIQUE x & X (domain) such that f(x) = y
	Such that (x)
	of should be suspective and injective.