1 Can town & DA LC=OF The net output of the hidden wit-1 and me actual output of hidden unit -1 Met output of Hidden unit! = (0.2 x0) + (0.8 x1) F(11-900 - 5 - 5 - 5 - 5 - 6 - 1) - 5 - 1 (POIF ONL. Actual output of Hidden wit! = $\frac{1}{1+e^{-x}} = \frac{1}{1+e^{-0.6}}$ = 0.645656 = 8.6457 2) Net output of hidden unit 22 10.3×0)+10.9×11 0.9 Actual of Hidden witz=

=0.7109

3.) Net of output wit 1 = (0.2 x0. ent+) + (0.8 x0.4109) = 0.89177 108616 Actual of of output wit 1 = 1 = -0.1916 ite ite. = 0.70922 - 1 the webit to togge 2 toll (1.10)+(0×10) Net olp of olp 2 = (0.7x0.641)+ u-) (0.1 × 0.7109) the worksite ito = 0. 5230 lavoh 20. 5231 Acreal ofp = (-(0.5231) = 0-627872 sigter o 20.6279 +7000= 5.) Delta of of wit 1 = (7-A)A(1-A) a Co-0.70921 0.7092 (1-0.7092) = -0146262 = -0.1463 elm 601 8 0

Delta of oil with 2 17 () degree to color of color of color = C1-0.027910.0179 C1-0.6179) = 018 6938 1: 0:0869 parepla (0) 6) updated weight of o'? 1=10.8 + (C.C. SOPI X Act n2) = 0.8+ (0.1x-0.10 63 x 0.4100); = 0.74.429) + (10) 10 - x180) . = 0.7480 (POTP 0-17) updated weight of of 2 = 0.7 + CLCX 8 op 2 × Actni) = 0.7 + (2. L x o. 026d x o. en 13-) Epoch 1 8-) o peta cato hidden with appropriate type type (0°5×8 op, +0.9×802) ** Ay (1-Aui) = ((0. fx-0.1463)+(0.7x8.0869)) + 0.6412 (1-0-6U17) Adred Elp appared unes -2.81 P46 ×10-3 = -0.005818 ~ -0.0058

weight of o.L a) updated = 0.2 + a.c + fur input 1) = 0.2 + co.t. + -0.002 8+0) . 0.2. Updated weight of 0.92 10) 0:9 + CL.C + Suz + input +) 3u2= Co: P + 8 01 + 0.1 x802) + Act2 (1-Act2) = ((0.8 x-0.1 402)+(0.1+0.0264)) + 0.4109 C1-0.7109) -0.02226 P2 0.0223 = 0.9 + (0.5 + 0.0223+1) 20.88 bb & 5 0.8888d 600mg Spoul-1 13560 Actual output | v polated welfor | initial imput original neights 0 0000010.81011.0100 100 1.0764 30-7,71 11071-7 10 01/80 NOILY 13,1.7 6-7/11 of updated weight Adreal 1.011.6 501×9106 18 6 0 0 6

Epocle.	initial Achal Amal				
initial	Actual	final	initial	Achd	1.6,2.0
		13.17	1.6,20	0	1 0/
13117	0	13,20	1.6,2.6	0	1.9,20
1.320	0	1.6,2.0	1.9,10	0	1.912.3
1.6,2.0	1	1.6,2.0	1:9/2:3	1	1.9,2.3
epoch-r			Epocu-6		
inital	1 Autul	Final	intial	Auto	e Final
1.912.7	0	(19,2-3)	2.212.6	0	2.2,2.6

1.9,2.6 0 1.9,2.6 2.2,2.6 0
1.9,2.6 0 2.2,2.6 0
2.2,2.6 1 2.2,2.6 1
2.2,2.6 1

Gpocu-7

initial Actual Final

6pocu-7

initial Actual Final

2.5,2.6

2.5,2.6

2.5,2.6

2.5,2.6

2.5,2.6

2.5,2.6

2.5,2.6