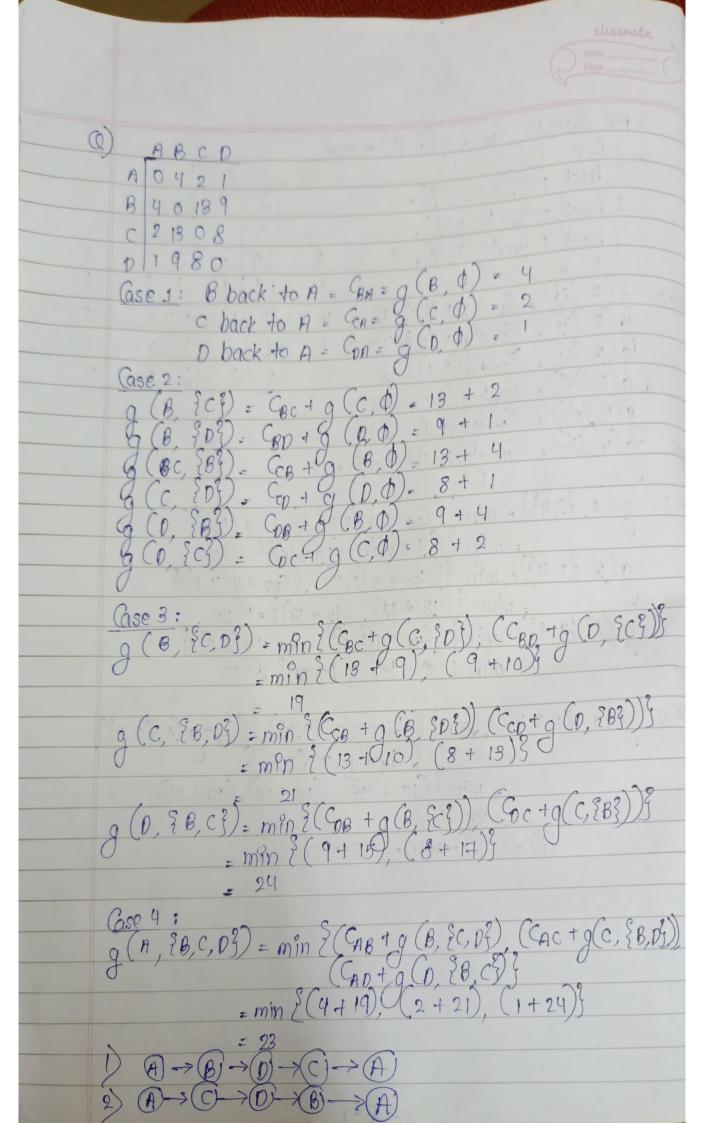


	for Case 1: GK = g(i, q) = cost
	1=2
	>2 back 1 C2= g(2, P)=5 (2 (3 4
	3 back 1 G1 = g(3, 0) = 6
	4 back 1 Gui = g(4, 1). 8 3 4 2 4 2 3
	9 K. 19 19 19 19 19 19 19 19 19 19 19 19 19
Case 2	$\frac{3}{3} \left( \frac{2}{3}, \frac{5}{3} \right) = \frac{6}{23} + \frac{9}{3} \left( \frac{3}{3}, \frac{5}{3}, \frac{5}{3} \right) = 15 + \frac{1}{3} + 1$
Will	(2 (2) 54B) = C24 + (4, 84, 19-4) = 18 1 1 1 1 1
	G(3, {3}): G2 + G(2,1) = 18 1 1 1 1 1 1
	(3 {4}) = Gy Pa (4) = 20
	Q(4, 523) = C42+0q(2,1)=8+5=13
	9(4, {34) = C43 + 9(3, 1) = 9 + 6 = 15
	O Day of the state
Case 3:	$g(2, 3, 43) = min \{(23 + g(3, 4)), (24 + g(4,3))\}$
	$-\min_{0} \left( 9 + 28 \right) \left( 10 + 15 \right) = 25$
	$g(3, \{2,4\}) = \min_{min} \{(c_{32} + g(2,4)), (c_{34} + g(4,2))\}$ = $\min_{min} \{(13 + 18), (12 + 13)\} = 25$
4.	$= min \frac{3}{2} \left( 13 + 18 \right) \cdot \left( 12 + 13 \right) = 25$
	9 (4, {2,3}) = min { (4, 4) (2,3), (4,2 + 9 (3,2))}
	$= \min_{s} \{(s+18), (9+18)\} = 23$
Case 4:	g(1, {2,3,4})=min { (C12+g(2, \3,4\}), (C13+g(3,\{2,4\})) (G14+g(4,\{2,3\}))
	(Gy fo (4, 82,38))
	= $\min \{(10 + 95)(15 + 25)(20 + 28)\}$
	= 35
	$(1 \rightarrow 2 \rightarrow 4) \rightarrow (3) \rightarrow (1)$
173	18 (18 (19) = 18 (19) = 18 (19) (19) (19) (19) (19) (19) (19) (19)
	o the girl Or train
	(190 + 1) (10 + 10 + 10 + 10) aim =

Weight Andrew

ivis di



	A-A: B × B T M B M B M B M B M B M B M B M B M B
A	String Motching:
1	Rahan Kam:
Steps:	1) Check the longth of the pattern given and calculate hash
	1) Check the longth of the pattern given and calculate hash value as 1 Patt. mad 9.1
	Q) Check the often text and find the hash value.
	3) If the hash values match we call it as Spurious thit.
	from all the Spurious Hit match the characters by character
Ga	to get final Match
Eg.	$P = 26$ $\Rightarrow Pattern.$
	Prime no. 9 = 11 given (If not given take any prime no.)
->	16 mad 11 = 4
00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
00	11 mod 11 = 3 x
	(11 mad 11 = 8 x 65 mod 11 = 10 h
	15 mod 11 = 4 CH 53 mod 11 = 4
	59 mod 11 = 4 SH 35 mod 11 = 2 ×
	15, 59, 92 [26]
	12345648976
9	T= 23590231415267399
	P=31415
	Q= 13
$\rightarrow$	31415 mod 18 = 7 8 7 8 7 8 7 9 9 9 9 9 9 9 9 9 9 9 9 9
	23590 / 13 = 8 14152 / 13 = 8
	35902 / 18 = 9 41526 / 13 = 4
	59023 13 = 3 19267 18 = 5
	902317.13=11 526737.13=10
	02314 1/ 13=0 26739 1/ 13=11
	23141 1/18=1 67399 7.13=7
	31415 7. 13=7
	121 UE C7 200

3x102+3x101+3x100 Q TE AABCDACCAD

PECCA

CED Y 10 2011 10 20 1118 7: 18 - 10 CCA Y. 13 = 381 7. 13 = 6 4.13 7. 13 = 10 112 / 13 = 8 133 / 13 = 3 1 1 123 / 13 = 6 331 / 13 = 6 234 × 13 = 0 314 1/ 13 = 2

A Knuth Momic pattem:

Repare TI table for given pattern -> first time write as a next time it appears -> index no.

String As with pattern i + 1

Remoticing, more i & i (fi table)

else (Mismatch) Move (j) to the below index.

creating TI (fi) Table,

index 123456789 10

ab cdabe ab f

2) Index 1234567891011 bom 11116 abcde abfabc
0|0|0|0|0|1|2|0|1|2|3|

3) Index 1-2345678910 a a b c a d a a b e

4) Index 1 2 3 4 5 6 7 8 9 a a b a a c d
2/3/0/1/2/0/0

3thing = abab cab cab abab d

Pat = abab d |a = a| |a = a|