BRAC UNIVERSITY

CSE220

DATA STRUCTURES

Quiz 04

Student Information:

NAME: MD. DANIAL ISLAM ID: 20101534

SECTION: 07

BRAC
UNIVERSITY

Inspiring Excellence

Date: 30 December 2021

CSE220 - Quiz 04

My last two digit of student Id ⇒ 34

$$Summation = 7$$

$$R(K) = K \% (7+7)$$
$$= K \% 14$$

hash function,

$$if \ R(K) < 10$$
$$H(K) = R(K) + 8$$

$$else$$
$$H(K) = R(K) - 4$$

Sequence ⇒ ~~55~~ ~~65~~ ~~8~~ ~~18~~

55	65	8	18	20	11	56	27	15	16 7
R(k)→ 13	9	8	4	6	11	0	13	1	13
H(k)→ 9	17	16	12	14	7	8	9	9	9

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 2 |

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	0	0	0	11	56	55	2र	15	18	1रू	20	0	8	65	0	0	0	0	0	0	0	