

### Assignment 3

The following data will need to be inserted into a hash table of size 10. The ID is in the form A-B-C.

ID	-	Name
999-123-1234	-	Andrew
234-222-3421	-	Bobby
091-001-4000	-	Charlie
102-234-1242	-	David
888-234-2134	-	Eric
823-245-1992	-	Francis
453-243-1234	-	George
123-123-2432	-	Henry
124-222-1234	-	Ian
456-651-1023	-	Joker

Use the following hash function:-  $H() = (B+C-A)\%10$

- 1) Draw the resulting Hash Table using linear probing.

0	1	2	3	4	5	6	7	8	9

- 2) Draw the resulting Hash Table using this Key Dependent Probing function  $H2()=A\%10$ .

0	1	2	3	4	5	6	7	8	9

Explain any problems you have with this step:-

