

DATA STRUCTURE AND PROGRAM DESIGN LAB-08

9. Assume that you have a seven-slot closed hash table (the slots are numbered 0 through 6) Write program to final hash table that would result if you used the hash function $h(k) = k \bmod 7$

SAMPLE OUTPUT:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
PS C:\Users\prach\OneDrive\Attachments\Desktop\DSPD LAB> gcc Practical-9.c
PS C:\Users\prach\OneDrive\Attachments\Desktop\DSPD LAB> ./a.exe
Enter number of keys: 5
Enter 5 keys:
8
11
85
811
85

Final Hash Table:
Slot 0 --> -1
Slot 1 --> 8
Slot 2 --> 85
Slot 3 --> 85
Slot 4 --> 11
Slot 5 --> -1
Slot 6 --> 811
PS C:\Users\prach\OneDrive\Attachments\Desktop\DSPD LAB> |
```