Wk 11

Que 1): Hash Table): Table size:5
Insert the numbers, 7 3 2 6 8   Note: Please use Linear Probing

$8\%5=8$
$6\%5=6$
$7\%5=7$

$2\%5=2$ $3\%5=3$

0	1	2	3	4
7		2	3	
6				
8				

Que 2): Hash Table: Table size:5, Insert the numbers, 7 3 2 6 8

Hash Index   Load Factor

$7\%5 = 7$ $1/5 = 20\%$
$3\%5 = 3$ $2/5 = 40\%$
$2\%5 = 2$ $3/5 = 60\%$
$6\%5 = 6$ $4/5 = 80\%$
$8\%5 = 8$ $5/5 = 100\%$

0	1	2	3	4
7			3	
7		2	3	
7		2	3	
7	6	2	3	
7	6	2	3	4

rehash

0 1 2 3 4 5 6 2 8 9
      2   3 3   7 2
         2   3   7
                     6 7
      2   3   6 7 8
      2   3   6 7 8

Hash Index:
7 %, 10 = 7
3 %, 10 = 3
2 %, 10 = 2
6 %, 10 = 6
8 %, 10 = 8

Load factor:
1/10 = 100%
2/10 = 200%
3/10 = 300%
4/10 = 400%
5/10 = 500%