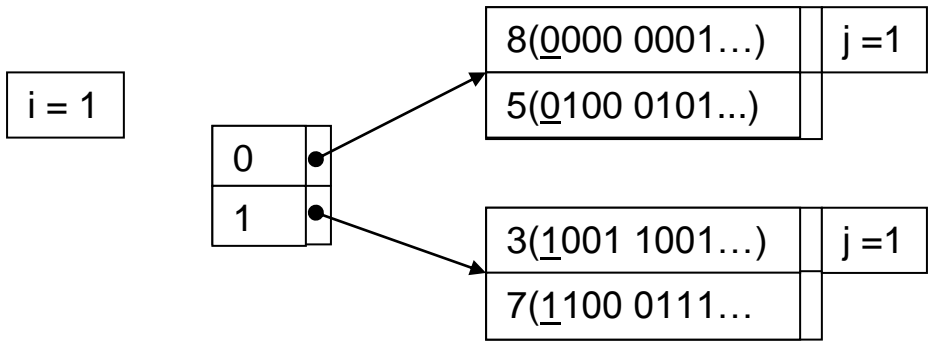
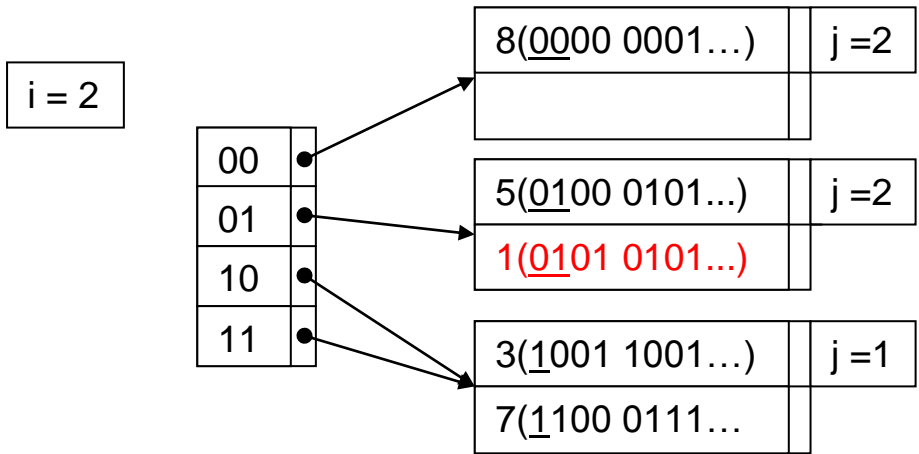


Insertion Sequence: 8, 5, 3, 7, 1, 6.

a) Inserting: 8,5,3,7. (Place available, thus insert)



b) Inserting: 1 (Overflow and $j = i$, thus expand directory)



c) Inserting: 6 (Overflow and $j < i$, thus splitting bucket)

