Hashing Lab

1.

a)

**Array:**

130

53

4

121

114

123

27

21

12

23

**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**11**

**12**

b)

21

123

4

23

**Array:**

130

121

12

53

114

27

**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

2.

Linear array -

(Length of

Collision Path +1)

Buckets -

(# of elements

in linked list

compared)

Key

Number of comparisons to retrieve this element

53 1 0

4 3 1

114 2 0

27 3 0

21 1 1

12 1 0