String test = “devananda”

Output = dan

for(int i = 0; i < test.length; i++ ) {

for(j = i +1; j < test.length; j++ ) {

if(test.charAt(i) == test.charAt(j)) {

print( test.charAt(i);

}

}

}

Time Complexuty : O (n2)

Node {

Char value;

Int count;

Node next;

}

LinkedList {

Node head = null;

Node tail = null;

}

A :2

D :2

: 1

N : 2

Map<Char, Integer> map = new HashMap<>();

for(int i = 0; i < test.length; i++ ) {

Char c = test.charAt(i);

Int val = map.getOrDefault(c,0);

map.put(c,val +1);

}

for(int i = 0; i < test.length; i++ ) {

Char c = test.charAt(i);

if(map.getOrDefault(c,0) >= 2 ){

print(c);

map.remove(c);

}

}

DAN

Time Complexity: O(n)