

Morning:

```
class Result {

    /*
     * Complete the 'findDuplicate' function below.
     *
     * The function is expected to return an INTEGER_ARRAY.
     * The function accepts following parameters:
     * 1. INTEGER_ARRAY list1
     * 2. INTEGER_ARRAY list2
     */

    public static List<Integer> findDuplicate(List<Integer> list1, List<Integer> list2) {
        List res = new ArrayList();
        for(int n:list1)
            if(list2.contains(n))res.add(n);
        Collections.sort(res,Comparator.reverseOrder());
        return res;
    }
}
```

Afternoon:

```
public static boolean checkMagazine(String [] magazine, String[] note) {
    if(magazine.length<note.length)return false;
    Map<String, Integer> magazines = new HashMap<>();
    for(String s: magazine) {
        magazines.put(s, magazines.containsKey(s)? magazines.get(s)+1: 1);
    }
    boolean match = true;
    for(String s: note) {
        if(magazines.containsKey(s) && magazines.get(s)>0) {
            magazines.put(s, magazines.get(s)-1);
        } else {
            match = false;
            break;
        }
    }
    return match;
}
```