

DP → longest unequal adjacent groups subsequence I.

Learning curve →

Given the elements in the word is distinct

int i = 0 → pointer for words
int j = 0 → pointer for groups

The words and groups list should be the same in length.

```
ArrayList<String> outArray = new ArrayList<String>();  
while (i < words.length) && (j < groups.length) {
```

```
    if (current value > groups[j])  
    outArray.add(words[i]);
```

```
    if (groups[j] != groups[j+1]) {
```

```
        outArray.add(words[i]);
```

```
    }
```

```
    i++;
```

```
    j++;
```

```
}
```

After:

Problem I realized is that
words: [a, b, c, d]
groups: [a, b, c, d]

I should get [a, b, c]

but I get [a, b]

because I am comparing i and i+1.

I should check current with previous value instead. In that case

the first value is always stored
and then the values after
that are compared. The
condition to compare it will be
j and j+1 of the
groups array