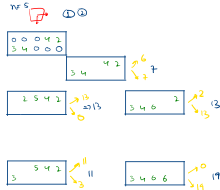
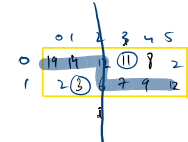
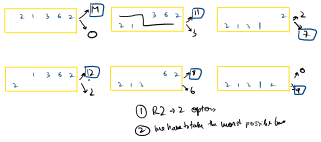


You are given a 0-indexed array of strings `words`.  
 Each `words[i]` is a string consisting of lowercase English letters.  
 You will remove any index `i` from `words` if `words[i]` is a prefix of `words[j]` for any `j > i`.  
 Return the number of strings that remain after removing the prefixes.



5 2 1 3 4 2  
 3 1 5 1 4 2



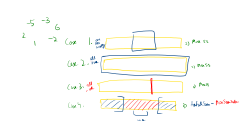
```

    for (int i = 0; i < n; i++) {
        for (int j = i + 1; j < n; j++) {
            if (words[i].startsWith(words[j])) {
                // remove words[j]
            }
        }
    }
  
```

→ ⊕  
 → →  
 → →

5 10 2 4 7 7 2 6 3 2 4 1 8 3 5 10 2 3 4 0  
 5 10 2 4 7 7 2 6 3 2 4 1 8 3 5 10 2 3 4 0

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99



5 10 2 4 7 7 2 6 3 2 4 1 8 3 5 10 2 3 4 0  
 5 10 2 4 7 7 2 6 3 2 4 1 8 3 5 10 2 3 4 0