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class Solution {
    public int numUniqueEmails(String[] emails) {
        List<String> UniqueEmails = new ArrayList<String>();
        int countEmails = 0;
        int ix, plusIx, dotIx = 0;
        String name, domain = "";
        StringBuilder temp;
        for(int i = 0; i < emails.length; i++){
            ix = emails[i].indexOf('@');
            dotIx = emails[i].indexOf('.');
            name = emails[i].substring(0,ix);
            domain = emails[i].substring(ix);
            temp = new StringBuilder(emails[i].substring(0,ix));
            while(dotIx < ix && dotIx != -1){
                temp.deleteCharAt(dotIx);
                name = temp.toString();
                dotIx = name.indexOf('.');
            }
            plusIx = name.indexOf('+');
            if(plusIx < ix && plusIx != -1){
                name = name.substring(0, plusIx);
            }
            if(!UniqueEmails.contains(name+domain)){
                UniqueEmails.add(name+domain);
                countEmails ++;
            }
        }
        return countEmails;
    }
}

```