**Problem Statement**

You have an array of email IDs of employees. As a programmer, write a program to search the email ID entered by a user.

**Algorithm**

1. Create a string array a[] and store a set of email IDs in it
2. Print “Enter email ID to be verified”
3. Read email
4. Describe the pattern that is to be followed, pattern = "^[A-Za-z0-9+\_.][+@(.+)$](mailto:+@(.+)$)"
5. If (match.matches())
6. Start for loop from i=0 to i<a.length
7. If(email.equals(a[i])
8. Print “Email Validated”
9. Break
10. Else
11. Flag=1
12. Else print “Please enter valid email”
13. If (flag==1)
14. Print “Email not found”