

```
Calculator.java  hashmapdemo.java  EmailValidation.j...  thread.java  threads.java
1 package com.simplilearn.demo;
2 import java.util.ArrayList;
6 public class EmailValidation {
7     public static void main(String[] args) {
8
9         ArrayList<String> emailID = new ArrayList<String>();
10
11         emailID.add("padmajayadavgentem2000@gmail.com");
12         emailID.add("padmajayadav13@gmail.com");
13         emailID.add("krishnayadava98@gmail.com");
14         emailID.add("navya@gmail.com");
15         emailID.add("padhunath@gmail.com");
16         emailID.add("vamsijmk@gmail.com");
17         emailID.add("chinnu@gmail.com");
18
19         String searchElement;
20         System.out.println("E-mail: ");
21         Scanner scanner = new Scanner(System.in);
22         searchElement = scanner.nextLine();
23         String regex = "^(.+)@(.+)$";
24
25         Matcher matcher = Pattern.compile(regex).matcher(searchElement);
26
27         if (matcher.matches() && emailID.stream().anyMatch(mail ->
28 mail.equals(searchElement))) {
29             System.out.println(searchElement + " is present");
30         }
31         else {
32             System.out.println("Not a valid or is not present");
33         }
34     }
35 }
36 }
37 }
```

E-Mail lists:

```
emailID.add("padmajayadavgentem2000@gmail.com");
emailID.add("padmajayadav13@gmail.com");
emailID.add("krishnayadava98@gmail.com");
emailID.add("navya@gmail.com");
emailID.add("padhunath@gmail.com");
emailID.add("vamsijmk@gmail.com");
emailID.add("chinnu@gmail.com");
```

Outputs:

If the user e-mail matches with the e-mail list present in the system:



The screenshot shows an IDE console window with the following text:

```
<terminated> EmailValidation [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (29-Mar-2022, 1:08:30 pm - 1:08:58 pm) [pid: 12876]
E-mail:
padmajayadavgentem2000@gmail.com
padmajayadavgentem2000@gmail.com = is present
```



The screenshot shows an IDE console window with the following text:

```
<terminated> EmailValidation [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (29-Mar-2022, 1:09:05 pm - 1:09:27 pm) [pid: 14816]
E-mail:
krishnayadava98@gmail.com
krishnayadava98@gmail.com = is present
```

If the user e-mail does not match with the e-mil list present in the system:



The screenshot shows an IDE console window with the following text:

```
<terminated> EmailValidation [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (29-Mar-2022, 1:10:10 pm - 1:10:38 pm) [pid: 18948]
E-mail:
dharani@gmail.com
Not a valid or is not present
```



The screenshot shows an IDE console window with the following text:

```
<terminated> EmailValidation [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (29-Mar-2022, 1:44:12 pm - 1:44:33 pm) [pid: 12848]
E-mail:
likhitha@gmail.com
Not a valid or is not present
```