

```

1  package validatingemail;
2
3  import java.util.Scanner;
4  import java.util.regex.Matcher;
5  import java.util.regex.Pattern;
6
7  public class EmailValidation
8  {
9      private static String emp_emails[] = new String[] {"sarahJ@bestcompany.com",
10         "pedroM@bestcompany.com",
11         "joshA@bestcompany.com",
12         "michaelO@bestcompany.com",
13         "lauraM@bestcompany.com",
14         "isabelM@bestcompany.com"};
15
16     public static void main(String[] args)
17     {
18         //Establishing the list of arrays,
19         //format firstname, last name initial @ company.com
20         //
21         Boolean complete = false;
22         Scanner kb = new Scanner(System.in);
23         String confirmation = null;
24         String email = null;
25
26
27         try
28         {
29             while(!complete)
30             {
31                 System.out.println("Please enter the email to be validated");
32                 email = kb.nextLine();
33
34                 checkEmail(email);
35
36                 System.out.println("Would you like to verify another email?");
37                 confirmation = kb.nextLine();
38
39                 if(confirmation.toLowerCase().startsWith("y"))
40                 {
41                     complete = false;
42                 }
43                 else
44                 {
45                     complete = true;
46                 }
47             }
48         }
49         catch (Exception e)
50         {
51             System.out.println(e.getCause());
52             System.out.println("Email address not found, would you like to try again?");
53         }
54         finally
55         {
56             System.out.println("Thank you for using this validation program by Hector Alarcon");
57             kb.close();
58         }
59     }
60 }
61
62 private static void checkEmail(String email) throws Exception
63 {
64     Pattern p = Pattern.compile("[a-z]{0,10}[A-Z]{1}@bestcompany.com");
65     Matcher m = p.matcher(email);
66
67     if(m.matches())
68     {

```

```
69         for(int i = 0 ; i < emp_emails.length ; i++)
70         {
71             if(emp_emails[i].equals(email))
72                 System.out.println("The email address you provided exists in index
73                                     number: " +i);
74         }
75     else
76     {
77         System.out.println("The adress you provided cannot be found in the array.");
78     }
79 }
80 }
81
```