

code:

```
package Practiseproject;

import java.awt.List;
import java.util.ArrayList;
import java.util.Scanner;
import java.util.regex.Matcher;
import java.util.regex.Pattern;

public class Emailvalidation {

    public static boolean isValidEmail(String email) {
        String regex = "^(.+)@(.+)$";
        Pattern pattern = Pattern.compile(regex);
        Matcher matcher = pattern.matcher(email);
        return matcher.matches();
    }

    public static void main(String[] args) {
        ArrayList<String> emails = new ArrayList<String>();
        // valid emails
        emails.add("arvind@hlc.com");
        emails.add("arvindreddy@hlc.com");
        emails.add("aru@hlc.me.org");
        //invalid emails
        emails.add("bro.hlc.com");
        emails.add("prubs..ns#hlc.com");
        emails.add("@.hlc.com");
        for (String value : emails) {
            System.out.println("The Email address " + value + " is " +
                (isValidEmail(value) ? "valid" : "invalid"));
        }

        System.out.println("Enter any email address to check");
        Scanner sc = new Scanner(System.in);
        String input = sc.nextLine();
        System.out.println("The Email address " + input + " is " +
            (isValidEmail(input) ? "valid" : "invalid"));
    }
}
```

Output:

```
The Email address arvind@hlc.com is valid
The Email address arvindreddy@hlc.com is valid
The Email address aru@hlc.me.org is valid
The Email address bro.hlc.com is invalid
The Email address prubs..ns#hlc.com is invalid
The Email address @.hlc.com is invalid
Enter any email address to check
kamran@gmail.com
```

The Email address kamran@gmail.com is valid