

Project :2

```
package Assignmentpractiseproject;
```

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

```
public class validationofemail {
```

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

```
    public static void main(String[] args) {
        List<String> emails = new ArrayList<String>();
        // valid email addresses
        emails.add("nikitha@example.com");
        emails.add("nikithanikky@example.com");
        emails.add("nickky@example.me.org");
        //invalid email addresses
        emails.add("yeshe.example.com");
        emails.add("balu.joy@example.com");
        emails.add("praveen@.example.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 nikitha@example.com is valid
The Email address nikithanikky@example.com is valid
The Email address nickky@example.me.org is valid
The Email address yeshu.example.com is invalid
The Email address balu.joy@example.com is valid
The Email address praveen@.example.com is valid
Enter any email address to check
nikitha@example.com
The Email address nikitha@example.com is valid
```