# PHASE 1-PRACTICE PROJECT

## Email Validation

```java
import java.util.regex.Matcher;
import java.util.regex.Pattern;

public class EmailValidation{
    public static void main(String[] args) {

        String[] emails = {
            "jack.lee@example.com",
            "ben@gmail.com",
            "yuji.email@.com",
            "eran.at.sign.com"
        };


        for (String email : emails) {
            if (isValidEmail(email)) {
                System.out.println(email + " is a valid email address.");
            } else {
                System.out.println(email + " is not a valid email address.");
            }
        }
    }


    private static boolean isValidEmail(String email) {

        String emailRegex = "^[a-zA-Z0-9_+&*-]+(?:\\.[a-zA-Z0-9_+&*-]+)*@(?:[a-zA-Z0-9-]+\\.)+[a-zA-Z]{2,7}$";


        Pattern pattern = Pattern.compile(emailRegex);


        Matcher matcher = pattern.matcher(email);


        return matcher.matches();
    }
}
```