```
import java.util.Scanner;
import java.util.regex.Matcher;
import java.util.regex.Pattern;
                 "alice@icloud.com",
        System.out.print("Enter an email ID to search: ");
        Scanner scanner = new Scanner(System.in);
        String userInput = scanner.nextLine();
        if (isValidEmail(userInput)) {
             for (String email : emailArray) {
                 if (email.equals(userInput)) {
                 System.out.println("Valid email ID and email ID found in
                 System.out.println("Valid email ID but email ID not found
             System.out.println("Invalid email ID.");
        scanner.close();
```

```
// Method to validate the format of an email ID
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();
}
```