Source code Email Validation:

package email\_verification;

import java.util.Arrays;

import java.util.Scanner;

public class Email\_verification {

public static void main(String[] args) {

String[] EmailIDs = {

"amazon.abc@shopping.com",

"trends.ajio@clothing.com",

"godaddy.email@website.com", // Array of email IDs

"yahoo.mail@website.com",

"linkedin.job@searchjob.com"

};

// Prompt the user to enter an email ID to search

Scanner sc = new Scanner(System.in);

System.out.print("Enter the email ID to search: ");

String searchEmail = sc.nextLine();

// Validate the entered email ID format

if (!isValidEmail(searchEmail)) {

System.out.println("Invalid email ID format.");

return;

}

// Search the email ID in the array

boolean found = false;

for (String email : EmailIDs) {

if (email.equalsIgnoreCase(searchEmail)) {

found = true;

break;

}

}

// Display the result

if (found) {

System.out.println("Email ID found!");

} else {

System.out.println("Email ID not found.");

}

}

// Method to validate the email ID format

public static boolean isValidEmail(String email) {

// Regular expression for email validation

String emailRegex = "^[A-Za-z0-9+\_.-]+@[A-Za-z0-9.-]+$";

return email.matches(emailRegex);

}

}