Source Code

**import** java.util.Scanner;

**public** **class** EmailSearch {

**public** **static** **void** main(String[] args) {

// Array of email IDs

String[] emailIds = {

"john.doe@example.com",

"jane.smith@example.org",

"bob.jones@example.net",

"sarah.connor@example.co"

};

// Create a Scanner object to get user input

Scanner scanner = **new** Scanner(System.***in***);

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

System.***out***.print("Please enter the email ID to search: ");

String searchEmail = scanner.nextLine();

// Use a boolean variable to keep track if the email is found

**boolean** isEmailFound = **false**;

// Loop through the emailIds array and search for the email

**for** (String email : emailIds) {

**if** (email.equalsIgnoreCase(searchEmail)) {

isEmailFound = **true**;

**break**;

}

}

// Check if the email was found or not

**if** (isEmailFound) {

System.***out***.println("The email ID " + searchEmail + " was found in the array.");

} **else** {

System.***out***.println("The email ID " + searchEmail + " was not found in the array.");

}

// Close the scanner

scanner.close();

}

}