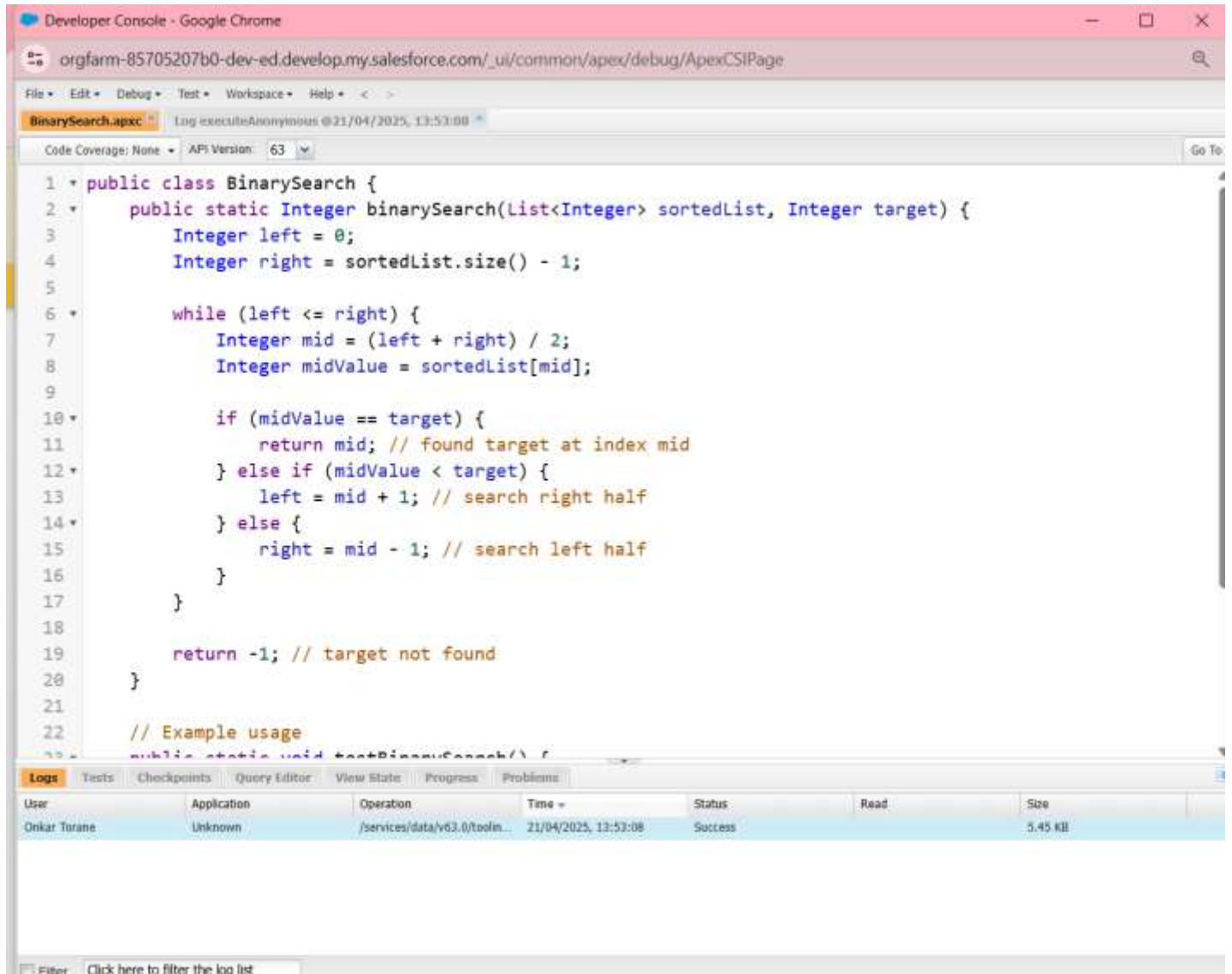


Practical No 3

Aim: Creating an Application in Salesforce.com using Apex programming language



The screenshot displays the Salesforce Developer Console interface. The browser address bar shows the URL: `orgfarm-85705207b0-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage`. The file explorer at the top indicates the file is `BinarySearch.apxc` and the log was executed by an anonymous user on 21/04/2025 at 13:53:00. The code editor shows the following Apex code:

```
1 public class BinarySearch {
2     public static Integer binarySearch(List<Integer> sortedList, Integer target) {
3         Integer left = 0;
4         Integer right = sortedList.size() - 1;
5
6         while (left <= right) {
7             Integer mid = (left + right) / 2;
8             Integer midValue = sortedList[mid];
9
10            if (midValue == target) {
11                return mid; // found target at index mid
12            } else if (midValue < target) {
13                left = mid + 1; // search right half
14            } else {
15                right = mid - 1; // search left half
16            }
17        }
18
19        return -1; // target not found
20    }
21
22    // Example usage
23    public static void testBinarySearch() {
```

Below the code editor, the 'Logs' tab is active, displaying a table with the following data:

User	Application	Operation	Time	Status	Read	Size
Onkar Torane	Unknown	/services/data/v63.0/toolin...	21/04/2025, 13:53:08	Success		5.45 KB

At the bottom of the console, there is a filter button and a link that says 'Click here to filter the log list'.

Developer Console - Google Chrome

orgfarm-85705207b0-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

File • Edit • Debug • Test • Workspace • Help • < • >

BinarySearch.apex • Log executeAnonymous @21/04/2025, 13:53:08

Execution Log

Timestamp	Event	Details
13:53:08:014	USER_DEBUG	[28] DEBUG Index of 7 is: 3

☐ This Frame ☐ Executable ☒ Debug Only ☐ Filter

Logs Tests Checkpoints Query Editor View State Progress Profiles

User	Application	Operation	Time	Status	Read	Size
Onkar Torane	Unknown	/services/data/v63.0/toolin...	21/04/2025, 13:53:08	Success		5.45 KB

☐ Filter