```
Creating array of 20 random numbers from range[1,100]
Printing the numbers...
8
50
74
59
31
73
45
79
24
10
41
66
93
43
88
4
28
30
41
13
Performing linear search(1) and binary search(2), 3-Exit
Enter option
1
enter the number to be searched[1-100]
50
Number found at 1 index of array
Performing linear search(1) and binary search(2), 3-Exit
Enter option
1
enter the number to be searched[1-100]
75
Sorry! number doesn't exist
Performing linear search(1) and binary search(2), 3-Exit
Enter option
2
enter the number to be searched[1-100]
59
Sorting the array to perform binary search
Array has been sorted as...
4
8
10
13
24
28
30
31
41
41
43
45
50
59
66
73
74
79
88
59 found at location 14.
```

```
Performing linear search(1) and binary search(2), 3-Exit
Enter option
2
enter the number to be searched[1-100]
75
Sorting the array to perform binary search
Array has been sorted as...
4
8
10
13
24
28
30
31
41
41
43
45
50
59
66
73
74
79
88
Not found! 75 isn't present in the list.
Performing linear search(1) and binary search(2), 3-Exit
Enter option
3


--------------------
(program exited with code: 0)
Press return to continue

logout
Saving session...
...copying shared history...
...saving history...truncating history files...
...completed.

[Process completed]
```