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COMPUTER ENGINEERING

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Hands-On Exercises [Group]: Search Outputs

Display Menu

[1] Create List

[2] Display List

```
[1] Create List
[2] Display List
[3] Binary Search
[4] Linear Search
[5] Exit
Enter your choice: 2

LOCATION:
    0    1    2    3    4    5    6    7    8    9
DATA:
    2    6    8    9   13   28   54   55   78   91

Please enter any key to continue
```

[3] Binary Search

```
[1] Create List
[2] Display List
[3] Binary Search
[4] Linear Search
[5] Exit
Enter your choice: 3
Enter number to search: 6
SEARCH FOUND in location 1

Please enter any key to continue
```

```
"C:\Users\jacob\Downloads\C    X    +    ∨

[1] Create List
[2] Display List
[3] Binary Search
[4] Linear Search
[5] Exit
Enter your choice: 3
Enter number to search: 7
SEARCH NOT FOUND

Please enter any key to continue
```
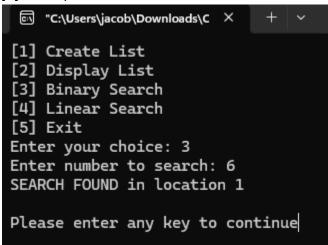
[4] Linear Search

```
"C:\Users\jacob\Downloads\C    X    +    ∨

[1] Create List
[2] Display List
[3] Binary Search
[4] Linear Search
[5] Exit
Enter your choice: 4
Enter number to search: 9
SEARCH FOUND in location 3

Please enter any key to continue
```
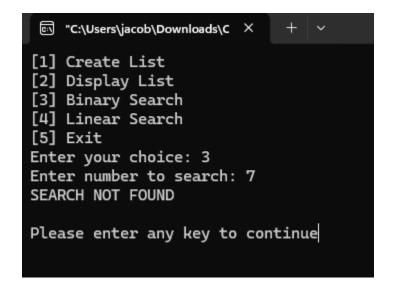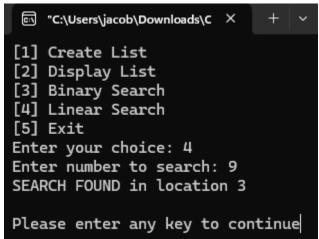
```
"C:\Users\jacob\Downloads\C    X    +    ∨

[1] Create List
[2] Display List
[3] Binary Search
[4] Linear Search
[5] Exit
Enter your choice: 4
Enter number to search: 10
SEARCH NOT FOUND

Please enter any key to continue
```

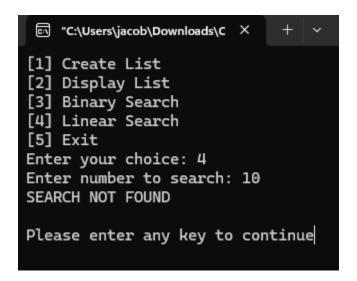[5] Exit

```
"C:\Users\jacob\Downloads\C    X    +    ∨

[1] Create List
[2] Display List
[3] Binary Search
[4] Linear Search
[5] Exit
Enter your choice: 5
Exiting program

Process returned 0 (0x0)   execution time : 95.578 s
Press any key to continue.
```