

```
[cody@fedora 🍁 homework-9 (git:hw9)]$ ls
binarySearch.h      main.cpp      problems.pdf      sequentialSearch.h.gch
binarySearch.h.gch  problems.md   sequentialSearch.h
[cody@fedora 🍁 homework-9 (git:hw9)]$ g++ main.cpp -Wall -pedantic -std=c++11 -o main
[cody@fedora 🍁 homework-9 (git:hw9)]$ ./main
The array in question is: [ 1 1 2 3 5 8 ]
Enter the element you would like to search for: 1
The index of element `1` in the list is 0.
[cody@fedora 🍁 homework-9 (git:hw9)]$ ./main
The array in question is: [ 1 1 2 3 5 8 ]
Enter the element you would like to search for: 4
Element `4` is not in the list.
[cody@fedora 🍁 homework-9 (git:hw9)]$ ./main
The array in question is: [ 1 1 2 3 5 8 ]
Enter the element you would like to search for: 5
The index of element `5` in the list is 4.
[cody@fedora 🍁 homework-9 (git:hw9)]$ ./main
The array in question is: [ 1 1 2 3 5 8 ]
Enter the element you would like to search for: 10
Element `10` is not in the list.
[cody@fedora 🍁 homework-9 (git:hw9)]$
```