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[cody@fedora 🍌 homework-7 (git:hw7)]$ ls
linked-list.png      linkedListType.h      main.cpp      problems.pdf
linkedListType.cpp    linkedListType.h.gch  problems.md
[cody@fedora 🍌 homework-7 (git:hw7)]$ g++ *.h *.cpp -Wall -pedantic -std=c++11 -o main
[cody@fedora 🍌 homework-7 (git:hw7)]$ ./main
>>> Enter the number of elements you want your list to contain: 3
list[0] = 314
list[1] = 314
Error: Element 314 is already in the list at index 0. Duplicate elements are not allowed.
list[1] = 1414
list[2] = 1618
You entered the list [ 314 1414 1618 ]
>>> Enter the index of the number you want to remove from the list: 0
Your list is now [ 1414 1618 ]
>>> At which index would you like to add a number: 2
>>> What number would you like to add at index 2: 577
Your list is now [ 1414 1618 577 ]
The sum of this list is 3609.
[cody@fedora 🍌 homework-7 (git:hw7)]$
```