

Test 3

Test 3) My Mac

Finished running Test 3

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Test 3) Test 3) C++ main

Test 3) Test 3) C++ main) main()

```
1 #include <iostream>
2 #include <vector>
3
4 int findMissingNumber(const std::vector<int>& nums, int n) {
5     int expectedSum = (n * (n + 1)) / 2;
6     int actualSum = 0;
7
8     for (int num : nums) {
9         actualSum += num;
10    }
11
12    return expectedSum - actualSum;
13 }
14
15 int main() {
16     std::vector<int> numbers = {1, 2, 4, 6, 5};
17     int n = 6;
18
19     int missingNumber = findMissingNumber(numbers, n);
20
21     std::cout << "The missing number is: " << missingNumber << std::endl;
22
23     return 0;
24 }
```

Line: 17 Col: 16

Auto

Filter

Filter

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[illegible]



Test 3

Test 3 > My Mac

Finished running Test 3

C++ main

Test 3 > Test 3 > C++ main > main()

```
1 #include <iostream>
2
3
4 struct Node {
5     int data;
6     Node* next;
7     Node(int val) : data(val), next(nullptr) {}
8 };
9
10
11 void insert(Node*& head, int data) {
12     Node* newNode = new Node(data);
13     if (head == nullptr) {
14         head = newNode;
15     } else {
16         Node* current = head;
17         while (current->next != nullptr) {
18             current = current->next;
19         }
20         current->next = newNode;
21     }
22 }
23
24
25 Node* swapPairs(Node* head) {
26     if (head == nullptr || head->next == nullptr) {
27         return head;
28     }
29
30     Node* newHead = head->next;
31     Node* prev = nullptr;
32
33     while (head != nullptr && head->next != nullptr) {
34         Node* first = head;
35         Node* second = head->next;
36
37         first->next = second->next;
38         second->next = first;
39
40         if (prev != nullptr) {
41             prev->next = second;
42         }
43     }
44 }
```

Line: 64 Col: 5

Identity and Type

Name: main.cpp

Type: Default - C++ Source

Location: Relative to Group

main.cpp

Full Path: /Users/nevin/Documents/Test 3/Test 3/main.cpp

On Demand Resource Tags

Only resources are taggable

Target Membership

Test 3

Text Settings

Text Encoding: No Explicit Encoding

Line Endings: No Explicit Line Endings

Indent Using: Spaces

Widths: 4 Tab 4 Indent

Wrap lines

Original Linked List: 1 -> 2 -> 3 -> 4 -> 5 -> nullptr
Linked List after Swapping Pairs: 2 -> 1 -> 4 -> 3 -> 5 -> nullptr
Program ended with exit code: 0

Test 3 1 issue

C++ main

Implicit conversion loses integer precision: 'size_type' (aka 'unsigned l...

Filter

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Test 3

Test 3) C++ main

Finished running Test 3

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C++ main

Test 3) Test 3) C++ main) No Selection

```
1 #include <iostream>
2 #include <string>
3
4 std::string reverseString(const std::string& str) {
5     std::string reversed;
6     for (int i = str.length() - 1; i >= 0; i--) {
7         reversed += str[i];
8     }
9     return reversed;
10 }
11
12 int main() {
13     std::string input;
14     std::cout << "Enter a string: ";
15     std::cin >> input;
16
17     std::string reversed = reverseString(input);
18
19     std::cout << "Reversed string: " << reversed << std::endl;
20
21     return 0;
22 }
23
24
```

Line: 23 Col: 1

Enter a string: Saveetha
Reversed string: ahteevaS
Program ended with exit code: 0

Filter

Auto

Filter

Identity and Type

Name: main.cpp

Type: Default - C++ Source

Location: Relative to Group

main.cpp

Full Path: /Users/nevin/Documents/Test 3/Test 3/main.cpp

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Widths: 4 Tab 4 Indent

Wrap lines