Our Solution(s) Run Code

Solution 1

```cpp
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using namespace std;

class Node {
public:
  int value;
  Node *prev;
  Node *next;

  Node(int value);
};

class DoublyLinkedList {
public:
  Node *head;
  Node *tail;

  DoublyLinkedList() {
    head = NULL;
    tail = NULL;
  }

  // O(1) time | O(1) space
  void setHead(Node *node) {
    if (head == NULL) {
      head = node;
      tail = node;
      return;
    }
    insertBefore(head, node);
  }

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```cpp
using namespace std;

class Node {
public:
  int value;
  Node *prev;
  Node *next;

  Node(int value);
};

// Feel free to add new properties and methods to the class.
class DoublyLinkedList {
public:
  Node *head;
  Node *tail;

  DoublyLinkedList() {
    head = NULL;
    tail = NULL;
  }

  void setHead(Node *node) {
    // Write your code here.
  }

  void setTail(Node *node) {
    // Write your code here.
  }

  void insertBefore(Node *node, Node *nodeToInsert) {
    // Write your code here.
  }
```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.