```cpp
#include <iostream>
#include <cmath>
#include "ll_pro.h"

using namespace std;

int main()
{
    linkedlist<int> l;
    l.push_back(1);
    l.push_back(2);
    l.push_back(3);
    l.push_back(4);
    l.push_back(5);
    l.push_back(6);
    l.push_back(7);
    l.push_back(8);
    l.push_back(9);


    l.display();
    cout << "Loop Check : " <<l.check_loop() << "\n";
    l.create_loop();
    cout << "Loop Check : " <<l.check_loop() << "\n";
    l.break_loop();
    cout << "Loop Check : " <<l.check_loop() << "\n";
    l.display();
    return 0;
}
```