```
1 #include <iostream>
 2 #include <cmath>
 3 #include "ll_pro.h"
 5 using namespace std;
 6
 7 int main()
8 {
9
       linkedlist<int> 1;
10
       1.push_back(1);
11
       1.push_back(2);
12
       1.push_back(3);
13
       l.push_back(4);
14
       l.push_back(5);
15
       l.push_back(6);
16
       l.push_back(7);
17
       1.push_back(8);
18
       1.push_back(9);
19
20
21
       1.display();
22
       cout << "Loop Check : " <<l.check_loop() << "\n";</pre>
       1.create_loop();
23
       cout << "Loop Check : " <<1.check_loop() << "\n";</pre>
24
25
       1.break_loop();
26
       cout << "Loop Check : " <<1.check_loop() << "\n";</pre>
27
       1.display();
28
       return 0;
29 }
```