判断链表有无环

**package** facehandjava.Linked;  
  
**public class** hasLoop {  
 **public static boolean** hasLoop(Node node) {  
 Node node1 = node;  
 Node node2 = node;  
 **while** (node1.getNext() != **null** && node2.getNext().getNext() != **null**) {  
 node1 = node1.getNext();  
 node2 = node2.getNext().getNext();  
 **if** (node1 == node2) {  
 **return true**;  
 }  
 }  
 **return false**;  
 }  
  
 **public static void** main(String[] args) {  
  
 Node n6 = **new** Node(11,**null**);  
 Node n5 = **new** Node(9, n6);  
 Node n4 = **new** Node(7, n5);  
 Node n3 = **new** Node(5, n4);  
 Node n2 = **new** Node(3, n3);  
 Node n1 = **new** Node(1, n2);  
 n6.setNext(n4);  
  
 System.***out***.println(*hasLoop*(n1));  
  
 }  
}