Node.java

```
public class Node {
    private int data;
    private Node next;
    private static int count;

    public Node(int var1) {
        this.data = var1;
        this.next = null;
        ++count;
    }

    public Node(int var1, Node var2) {
        this.next = var2;
        this.data = var1;
        ++count;
    }

    public static int getCount() {
        return count;
    }

    public int getData() {
        return this.data;
    }

    public void setData(int var1) {
        this.data = var1;
    }

    public Node getNext() {
        return this.next;
    }

    public void setNext(Node var1) {
        this.next = var1;
    }

    public void Nodedisplay() {
        System.out.println(this.next);
    }
}
```

TestNode.java

```
public class TestNode {
	public static void main(String[] args) {
	System.out.println("unmber of Ofjects = "+ Node.getCount());
	Node n1 = new Node(1);
	Node n2 = new Node(2);
	System.out.println("Before ");
	System.out.println("n1 = "+n1);
	System.out.println("next of n1 " +n1.getNext());
	System.out.println("n2 = "+n2);
	System.out.println("next of n2 " +n2.getNext());
	System.out.println("After ");
	System.out.println("unmber of Ofjects = "+ Node.getCount());
	n1.setNext(n2);
	System.out.println("unmber of Ofjects = "+ Node.getCount());
	System.out.println("next of n1 = " +n1.getNext());
	System.out.println("next of n2 = " +n2.getNext());
	Node n3 = new Node(3);
	Node n4 = new Node(4);
	Node n5 = new Node(5);
	Node temp = n3;
	n2.setNext(n3);
	n3.setNext(n4);
	n2.setNext(n5);
	n5.setNext(n3);


	Node[] nodes = {n1, n2, n3, n4, n5};

	for (int i = 0; i < nodes.length; i++) {
	    System.out.println("n" + (i + 1) + " = " + nodes[i]);
	}

	for (int i = 0; i < nodes.length; i++) {
	    System.out.println("next of n" + (i + 1) + " = " + nodes[i].getNext());
	}


   }

}
```

ผลลัพธ์

```
unmber of Ofjects = 0
Before
n1 = Node@4c371370
next of n1 null
n2 = Node@145f66e3
next of n2 null
After
unmber of Ofjects = 2
unmber of Ofjects = 2
next of n1 = Node@145f66e3
next of n2 = null
n1 = Node@4c371370
n2 = Node@145f66e3
n3 = Node@4562e04d
n4 = Node@2a65fe7c
n5 = Node@4135c3b
next of n1 = Node@145f66e3
next of n2 = Node@4135c3b
next of n3 = Node@2a65fe7c
next of n4 = null
next of n5 = Node@4562e04d
```