Code:

```
package arrayexamples;
import java.util.*;
public class TokenRing {
        public static void main (String args[]) {
    Scanner sc = new Scanner (System.in);

    System.out.print("Enter the number of nodes: ");
    int n = sc.nextInt();

    // Decides the number of nodes forming the ring
    int token = 0;

    for (int i = 0; i < n; i++)
       System.out.print(" " + i);
    System.out.println(" " + 0);
    int choice=0;
    do {
          System.out.print("Enter sender: ");
          int s = sc.nextInt();
          System.out.print("Enter receiver: ");
          int r = sc.nextInt();
          System.out.print("Enter Data: ");
          int d = sc.nextInt();
          token=0;
          System.out.print("Token passing:");

          for (int i = token; i<s;i++) {
          System.out.print(" " + i + "->");
          }
          System.out.println(" " + s);

          System.out.println("Sender " + s + " sending data: " + d);

          for (int i =s;i<r;i=(i+1)%n) {
          System.out.println("Data " + d + " forwarded by " + i);
          }
          System.out.println("Receiver " + r + " received data: " + d);
          token = s;
          System.out.print("Do You Want to Send Data Again? if yes enter 1, if no enter 0");
          choice=sc.nextInt();
        } while (choice == 1);
  }
}
```

Output:

Enter the number of nodes: 5

0 1 2 3 4 0

Enter sender: 1

Enter receiver: 4

Enter Data: 200

Token passing: 0-> 1

Sender 1 sending data: 200

Data 200 forwarded by 1

Data 200 forwarded by 2

Data 200 forwarded by 3

Receiver 4 received data: 200

Do You Want to Send Data Again? if yes enter 1, if no enter 00