C:\Users\Faisal Amir\Documents\NetBeansProjects\belajar\src\belajar\algoritma.java

```java
1  package belajar;
2  public class algoritma<T> implements QueueInterface<T> {
3      private class Node {
4          //contruct Node
5          private T data;
6          private Node next;
7          //generate constructor
8          public Node(T data) {
9              this.data = data;
10          }
11          public Node(T data, Node next) {
12              this.data = data;
13              this.next = next;
14          }
15          public T getData() {
16              return data;
17          }
18      }
19      private Node Front;
20      private Node Rear;
21      private int size;
22      //generate implements
23      public algoritma() {
24          this.Front = null;
25          this.Rear = null;
26          this.size = 0;
27      }
28      @Override
29      public boolean isEmpty() {
30          if (Front == null) {
31              return true;
32          } else {
33              return false;
34          }
35      }
36      @Override
37      public int size() {
38          return size;
39      }
40      @Override
41      public void enQueue(T data) {
42          Node NewNode = new Node(data);
43          if (isEmpty()) {
44              Front = NewNode;
45              Rear = NewNode;
46              size++;
47          } else {
48              Rear.next = NewNode;
49              Rear = NewNode;
50              size++;
51          }
52      }
53      @Override
54      public T deQueue() {
55          Node Temp = null;
```

```java
56          if (isEmpty()) {
57              System.out.println("DATA KOSONG");
58          } else {
59              Temp = Front;
60              Front = Front.next;
61              Temp.next = null;
62              size--;
63          }
64          return Temp.data;
65      }
66      @Override
67      public T first() {
68          return Front.data;
69      }
70      @Override
71      public void hapusAntrian() {
72        while (!isEmpty()){
73          Node Temp = Front;
74          Front = Front.next;
75          Temp.next = null;
76          size--;
77        }
78      }
79      @Override
80      public void view() {
81          Node Temp = Front;
82          Belajar.sepatu out = (Belajar.sepatu) Temp.data;
83          for (int i = 0 ; i < size ; i++) {
84              System.out.println("============================\nSepatu ke " +(i+1) + " :");
85              System.out.println(Temp.data);
86              Temp = Temp.next;
87          }
88      }
89  }
```