public void ordenacaoLista() {

Node prev = firstNode;

Node n = firstNode;

Node next = n.getNext();

boolean flipped = true;

while (flipped) {

prev = firstNode;

n = firstNode;

next = n.getNext();

flipped = false;

while( next != null ) {

if( (int) n.getData() > (int) next.getData() ) {

if ( n == firstNode ) firstNode = next;

if ( n != firstNode ) prev.setNext(next);

n.setNext(next.getNext());

next.setNext(n);

flipped = true;

prev = next;

next = n.getNext();

} else {

prev = n;

n = next;

next = n.getNext();

}

}

}

}