**package** com;

**public** **class** DoubleLinkedList {

**static** **class** Node{

**int** data;

Node next;

Node previous;

};

**static** **void** BackwardDirection( Node head\_refer){

Node tail = head\_refer;

**while** (tail.next != **null**) {

tail = tail.next;

}

**while** (tail != head\_refer) {

System.***out***.print( tail.data + " ");

tail = tail.previous;

}

System.***out***.println( tail.data );

}

**static** Node push( Node head\_refer, **int** new\_data) {

Node new\_node = **new** Node();

new\_node.data = new\_data;

new\_node.previous = **null**;

new\_node.next = (head\_refer);

**if** ((head\_refer) != **null**)

(head\_refer).previous = new\_node;

(head\_refer) = new\_node;

**return** head\_refer;

}

**public** **static** **void** main(String args[]) {

Node head = **null**;

//created the linked list is 18,21,32,44

head = *push*(head, 44);

head = *push*(head, 32);

head = *push*(head, 21);

head = *push*(head, 18);

System.***out***.println( "The Linked List elements are displayed in reverse

order " );

*BackwardDirection*(head);

}

}

