Assignment-24(APP)

**package** com.singleLiskedlist;

**public** **class** singleLinked

{

Node head;

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

**int** data;

Node next;

Node(**int** d)

{

data = d;

next = **null**;

}

}

**public** **static** singleLinked insert(singleLinked list,

**int** data)

{

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

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

**if** (list.head == **null**) {

list.head = new\_node;

}

**else** {

Node last = list.head;

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

last = last.next;

}

last.next = new\_node;

}

**return** list;

}

**public** **static** **void** printList(singleLinked list)

{

Node currNode = list.head;

System.***out***.print("LinkedList: ");

**while** (currNode != **null**) {

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

currNode = currNode.next;

}

}

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

{

singleLinked list = **new** singleLinked();

list = *insert*(list, 1);

list = *insert*(list, 2);

list = *insert*(list, 3);

list = *insert*(list, 4);

list = *insert*(list, 5);

list = *insert*(list, 6);

list = *insert*(list, 7);

list = *insert*(list, 8);

*printList*(list);

}

}