package dataStructures;

public class Node {

int data;

Node next;

public Node(int data) {

this.data = data;

this.next = null;

}

}

package dataStructures;

import java.sql.SQLOutput;

public class LinkedList {

private Node head;

public LinkedList() {

head = null;

}

public void add(int data) {

Node newNode = new Node(data);

if (head == null) {

head = newNode;

} else {

Node current = head;

while (current.next != null) {

current = current.next;

}

current.next = newNode;

}

}

public void display(){

Node current = head;

while (current != null){

System.out.print(current.data + ", ");

current = current.next;

}

System.out.println("null");

}

}

package dataStructures;

import java.util.Scanner;

import java.util.ArrayList;

public class TestStructures {

public static void main(String[] args) {

Scanner key = new Scanner(System.in);

/\*int[] myArray = new int[5];

int total = 0;

for (int i = 0; i < 5; i++)

{

System.out.println("\n\tPlease enter number " + (i + 1) + ": ");

myArray[i] = key.nextInt();

total += myArray[i];

}

for (int i = 0; i < 5; i++)

{

System.out.println("\n\t" + myArray[i]);

}

System.out.println("\n\tTotal: " + total);

ArrayList<Integer> myArray = new ArrayList<Integer>();

int total = 0;

for (int i = 0; i < 5; i++)

{

System.out.println("\n\tPlease enter number " + (i + 1) + ": ");

myArray.add(i, key.nextInt());

total += myArray.get(i);

}

for (int i = 0; i < 5; i++)

{

System.out.print("\n\t" + myArray.get(i));

}

System.out.println("\n\tTotal: " + total);\*/

LinkedList myList = new LinkedList();

myList.add(10);

myList.add(20);

myList.add(30);

System.out.println("My Linked List");

myList.display();

}

}