Homework 2.1:

import java.util.LinkedList;

class Address {

private String name;

private String street;

private String city;

private String state;

private String code;

Address(String n, String s, String c, String st, String cd) {

name = n;

street = s;

city = c;

state = st;

code = cd;

}

public String toString() {

return name + " " + street + " " + city + " " + state + " " + code;

}

}

class MailList {

public static void main(String args[]) {

LinkedList<Address> ml = new LinkedList<Address>();

ml.add(new Address("A", "11 Ave", "U", "IL", "11111"));

ml.add(new Address("R", "11 Lane", "M", "CA", "22222"));

ml.add(new Address("T", "8 St", "C", "IL", "33333"));

ml.add(new Address("G", "9 Ave", "I", "NJ", "44444"));

ml.add(new Address("Y", "4 Lane", "B", "NY", "55555"));

ml.add(new Address("J", "1 St", "K", "CA", "66666"));

ml.add(new Address("F", "9 Ave", "I", "NJ", "77777"));

ml.add(new Address("T", "4 Lane", "B", "NY", "55555"));

ml.add(new Address("Q", "1 St", "U", "CA", "66666"));

ml.add(new Address("Y", "4 Lane", "B", "NY", "55555"));

for (Address element : ml)

System.out.println(element + "\n");

}

}

Homework 2.3:

class Overload

{

void demo (int a)

{

System.out.println ("a: " + a);

}

void demo (int a, int b)

{

System.out.println ("a and b: " + a + "," + b);

}

double demo(double a) {

System.out.println("double a: " + a);

return a\*a;

}

}

class HelloWorld {

public static void main(String args[]) {

Overload Obj = new Overload();

double result;

Obj .demo(10);

Obj .demo(10, 20);

result = Obj .demo(5.5);

System.out.println("O/P : " + result);

}

}