Assignment 13

1. write a program to deal with products object using collection?

**package** queuedemo;

**import** java.util.Iterator;

**import** java.util.LinkedList;

**import** java.util.Queue;

**class** Address {

String hno;

String street;

String city;

String state;

Address(String hno,String street,String city,String state)

{

**this**.hno=hno;

**this**.street = street;

**this**.city = city;

**this**.state = state;

}

@Override

**public** String toString() {

**return** "Address [hno=" + hno + ", street=" + street + ", city=" + city + ", state=" + state + "]";

}

}

**public** **class** Addressdemo {

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

Queue<Address> q1 = **new** LinkedList<Address>();

Address a1 = **new** Address("14/c", "south38th", "Saintjoseph", "missouri");

Address a2 = **new** Address("14/b", "north38th", "dowmtowm", "missouri");

Address a3 = **new** Address("917", "morthwoodbine", "Saintjoseph", "missouri");

q1.add(a1);

q1.add(a2);

q1.add(a3);

System.***out***.println(a1);

System.***out***.println(a2);

System.***out***.println(a3);

System.***out***.println("removed addres" + q1.remove());

System.***out***.println("removed addres" + q1.remove());

Iterator <Address> i = q1.iterator();

**while** (i.hasNext())

{

System.***out***.println(i.next());

}

}

}

**Output**

Address [hno=14/c, street=south38th, city=Saintjoseph, state=missouri]

Address [hno=14/b, street=north38th, city=dowmtowm, state=missouri]

Address [hno=917, street=morthwoodbine, city=Saintjoseph, state=missouri]

removed addresAddress [hno=14/c, street=south38th, city=Saintjoseph, state=missouri]

removed addresAddress [hno=14/b, street=north38th, city=dowmtowm, state=missouri]

Address [hno=917, street=morthwoodbine, city=Saintjoseph, state=missouri]