**package** assignments;

**import** java.util.\*;

**class** Customer1{

**private** String name;

**private** **int** age;

**public** Customer1(String name, **int** age){

**this**.name=name;

**this**.age=age;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** **int** getAge() {

**return** age;

}

**public** **void** setAge(**int** age) {

**this**.age = age;

}

**public** String toString() {

**return**("Customer"+"{"+"name="+name+","+"age="+age+"}");

}

}

**class** Implementation1{

**public** String withDelimeters(List<Customer1> customerList) {

String str="";

**for**(Customer1 i : customerList) {

str= str+"Customer1"+"{"+"name="+i.getName()+", "+"age="+i.getAge()+"}"+"@";

}

**return**(str);

}

**public** List<Customer1> sortCustomerList(List<Customer1> customersList){

**class** sortCustomersByName **implements** Comparator<Customer1>{

**public** **int** compare(Customer1 a1, Customer1 b) {

**return** a1.getName().compareTo(b.getName());

}

}

Collections.*sort*(customersList,**new** sortCustomersByName());

**return** customersList;

}

}

**class** question27{

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

List<Customer1> customerList = Arrays.*asList*(**new** Customer1("Tom",30), **new** Customer1("Steve", 31), **new** Customer1("Peter", 34), **new** Customer1("Simon", 23));

Implementation1 i = **new** Implementation1();

String s = i.withDelimeters(customerList);

s=s.substring(0, s.lastIndexOf("@"));

List<Customer1> l = i.sortCustomerList(customerList);

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

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

}

}