Lab 7a

**package** lab7a;

**public** **class** Main {

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

// **TODO** Auto-generated method stub

System.***out***.println("Adaptor Test");

SimpleName name = **new** SimpleName();

name.setName("Kyle Nguyen");

System.***out***.println("Simple Name: " + name.getName());

*testAdaptor*(name);

}

**public** **static** **void** testAdaptor(SimpleName name) {

NameReporter adaptTest = **new** NameReporter(name);

System.***out***.println("First Name: " + adaptTest.getFirstName());

System.***out***.println("Last Name: " + adaptTest.getLastName());

}

}

**package** lab7a;

**public** **interface** NameInterface {

**public** **void** setName(String n);

**public** String getName();

}

**package** lab7a;

**public** **interface** FullNameInterface {

**public** **void** setFirstName(String f);

**public** **void** setLastName(String l);

**public** String getFirstName();

**public** String getLastName();

}

**package** lab7a;

**public** **class** SimpleName **implements** NameInterface {

String name;

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

name = n;

}

**public** String getName() {

**return** name;

}

}

**package** lab7a;

**public** **class** NameReporter **extends** SimpleName **implements** FullNameInterface{

String name;

String fName;

String lName;

NameReporter(SimpleName name){

**this**.name = name.getName();

**this**.fName = name.getName().split(" ")[0];

**this**.lName = name.getName().split(" ")[1];

}

@Override

**public** **void** setFirstName(String f) {

// **TODO** Auto-generated method stub

**this**.fName = f;

}

@Override

**public** **void** setLastName(String l) {

// **TODO** Auto-generated method stub

**this**.lName = l;

}

@Override

**public** String getFirstName() {

// **TODO** Auto-generated method stub

**return** fName;

}

@Override

**public** String getLastName() {

// **TODO** Auto-generated method stub

**return** lName;

}

}