package hw2\_ESOF322;

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

System.out.println("Please pick your storage method.");

Scanner in = new Scanner(System.in);

//Sets input to s

String s = in. nextLine();

//Makes storage decision based on input

switch(s) {

case "NoSQL":

Store store1 = new Store(new NoSQL());

System.out.println(store1.pickStore());

break;

case "Graph":

Store store2 = new Store(new Graph());

System.out.println(store2.pickStore());

break;

case "Relational":

Store store3 = new Store(new Relational());

System.out.println(store3.pickStore());

break;

default:

System.out.println("Please enter a vaild storage method NoSQL, Graph, Relational. No spaces after");

}

in.close();

}

}

package hw2\_ESOF322;

public class Relational implements Switch{

//Relational Storage method

@Override

public String storeage() {

// TODO Auto-generated method stub

return "This is table store";

}

}

package hw2\_ESOF322;

public class Store {

//Takes a switch object and selects the correct storage method for it

private Switch switch1;

public Store(Switch switch1) {

this.switch1 = switch1;

}

public String pickStore() {

return switch1.storeage();

}

}

package hw2\_ESOF322;

public class Graph implements Switch{

//Graph storage method

@Override

public String storeage() {

// TODO Auto-generated method stub

return "This is node store";

}

}

package hw2\_ESOF322;

public class NoSQL implements Switch {

//NoSql storage method

@Override

public String storeage() {

// TODO Auto-generated method stub

return "This is document store";

}

}

package hw2\_ESOF322;

public interface Switch {

//Interface storage method

public String storeage();

}