// main.mod for the creation of different scenarios!

main {

var source = new IloOplModelSource("Opt\_Final.mod");

var cplex = new IloCplex();

var def = new IloOplModelDefinition(source);

var opl = new IloOplModel(def,cplex);

var data = new IloOplDataSource("Opt\_data.dat");

opl.addDataSource(data);

opl.generate();

if (cplex.solve()) {

curr = cplex.getObjValue();

writeln();

writeln("OBJECTIVE: ",curr);

}

else {

writeln("No solution");

}

var data2 = new IloOplDataSource("Opt\_data.dat");

var opl2 = new IloOplModel(def,cplex);

opl2.addDataSource(data2);

opl2.dataElements.U.add(12,12,12);

opl2.generate();

if (cplex.solve()) {

curr = cplex.getObjValue();

writeln();

writeln("OBJECTIVE: ",curr);

}

else {

writeln("No solution");

}

opl.end();

opl2.end();

data.end();

def.end();

cplex.end();

source.end();

}

}