// 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();

 }

 }