```
from qurobipy import *
# create a model
m = Model("problem 5 for the row player")
# create variables
x1 = m.addVar(vtype=GRB.CONTINUOUS, name="x1", lb=0)
x2 = m.addVar(vtype=GRB.CONTINUOUS, name="x2", lb=0)
x3 = m.addVar(vtype=GRB.CONTINUOUS, name="x3", lb=0)
x4 = m.addVar(vtype=GRB.CONTINUOUS, name="x4", lb=0)
# integrate new variables
m.update()
# set objective
m.setObjective(
   x4,
    GRB.MAXIMIZE
# add constraints
m.addConstr(2*x1 + 1*x2 + 0*x3 - x4 >= 0)
m.addConstr(-1*x1 + 4*x2 - 2*x3 - x4 >= 0)
m.addConstr(3*x1 - 3*x2 - 1*x3 - x4 >= 0)
m.addConstr(-2*x1 + 0*x2 + 3*x3 - x4 >= 0)
m.addConstr(x1 + x2 + x3 == 1)
# optimize
m.optimize()
print("Model status: ", m.status)
# print out decision variables
for v in m.getVars():
    print(v.varName, v.x, "\n")
print("-"*15)
print("Obj Value: ", m.objVal)
```