# Code Hierarchy:

1. The **startup.jl** file compiles the required packages (i.e., JuMP v0.18, MathProgBase, Clp, LinearAlgebra and a modified version of JuMPeR) and the following Julia files:
   1. include("inputStructs.jl")
   2. include("stochasticProgFcts.jl")
   3. include("newsVendorAffinePolicy.jl")
   4. include("newsVendorLiftedPolicy.jl")
   5. include("testCase.jl")
2. In inputStructs.jl, we have:
   1. mutable struct newsVendorModelParams
   2. struct newsVendorUncertaintyParams
   3. struct newsVendorLiftedParams
   4. function liftedParamsNewsVendorStruct(ξParams, numBrkptsVec,brkptValuesVec)
3. In stochasticProgFcts.jl, we have:
   1. function lifted\_uncertainty\_set(numOrigUncertainty, brkpt\_vec,n\_brkpt,θ\_lb, θ\_ub)
   2. function stochastic\_arguments(unc\_lb, unc\_ub, unc\_distribution, brkpt\_vecs, n\_brkpt )
4. In "newsVendorAffinePolicy.jl", we have
   1. function newsVendorAffinePolicy(solver, modelParams, uncertaintyParams)
5. In "newsVendorLiftedPolicy.jl", we have
   1. function newsVendorLiftedPolicy(solver, modelParams, uncertaintyParams, liftedParams)
6. include("testCase.jl"), we have:
   1. function testCase() includes input model parameters.