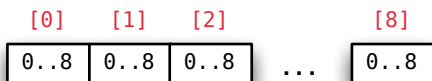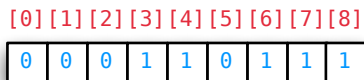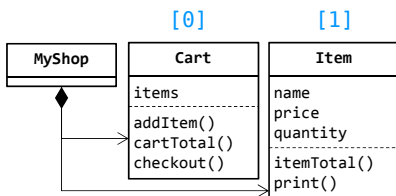(a) an input RDG model

(b) input RDG transformation to problem vector

(c) a solution vector

(d) solution transformation to a class diagram