

tshirt :Product
id = "tshirt"

product  
boxes

mug :Product
id = "mug"

product  
product  
boxes boxes

b001 :Box
amount = 42 id = "b001"

b003 :Box
amount = 50 id = "b003"

b002 :Box
amount = 10 id = "b002"

boxes boxes  
place place

boxes  
place

shelf1 :Shelf
id = "shelf1"

shelf2 :Shelf
id = "shelf2"