

# BAGGER Example

Bagger rules recorded.

Bagger grocery list recorded:

(STEP IS CHECK-ORDER)

(BAG1 IS CURRENT-BAG)

(BAG2 IS AVAILABLE-BAG)

(BAG3 IS AVAILABLE-BAG)

(BAG4 IS AVAILABLE-BAG)

(ITEM1 BREAD PLASTIC-BAG MEDIUM NO)

(ITEM2 GLOP JAR SMALL NO)

(ITEM3 GRANOLA CARDBOARD-BOX LARGE NO)

(ITEM4 ICE-CREAM CARDBOARD-CARTON MEDIUM YES)

(ITEM5 POTATO-CHIPS PLASTIC-BAG MEDIUM NO)

Rule B1 says: Add a bottle of Pepsi to the order.

Rule B2 says: Bagging large items.

Rule B3 says: Put ITEM0, PEPSI, in BAG1.

Rule B4 says: Put ITEM3, GRANOLA, in BAG1.

Rule B6 says: Bagging medium items.

Rule B7 says: Put ITEM4, ICE-CREAM, in a freezer bag.

Rule B9 says: Start a fresh bag.

Rule B8 says: Put ITEM1, BREAD, in BAG2.

Rule B8 says: Put ITEM4, ICE-CREAM, in BAG2.

Rule B8 says: Put ITEM5, POTATO-CHIPS, in BAG2.

Rule B10 says: Bagging small items.

Rule B12 says: Start a fresh bag.

Rule B11 says: Put ITEM2, GLOP, in BAG3.

Rule B13 says: Bagging done.