**TASK 1 - AXIOMS**

**Sentence** - Yesterday John went to the North Berkeley Safeway supermarket and bought two pounds of tomatoes and a pound of ground beef.

1. Supermarket sells food items, personal items, dairy products and beverages.
2. Supermarket is a shop.
3. Items can be scanned by customers/employees.
4. Supermarkets have employees to assist customers and restock items.
5. Customers of a supermarket can carry items using a cart.
6. Customers get a receipt after buying items.
7. Supermarkets can deliver items to people.
8. Shop sells items.
9. Customers are people who buy items from a shop.
10. Customers are adults.
11. Sellers are people who sell items.
12. Employees are people who work.
13. Shop has employees and customers.
14. Food items are a category of items.
15. Personal items are a category of items.
16. D represents specific instance of deodorant.
17. All deodorants are personal items.
18. t represents specific instance of tomato which John bought.
19. B represents an instance of beef.
20. Beef is a meat.
21. Lamb is a meat.
22. Pork is a meat.
23. Sausage is a meat.
24. Stew meat is a meat.
25. Halal is a meat.
26. Meat is a food item.
27. People refers to a group of persons.
28. Items sold in supermarkets are not made at the supermarket.
29. John is a person.
30. John bought tomatoes from Safeway at time t.
31. Weight of tomatoes is 2.
32. John bought beef from Safeway at time t.
33. Weight of beef is 1.
34. Mary is a person.
35. Customers bring money to buy items.
36. If a customer brings money to a shop, then the money can be card/cash.
37. Card is a form of money.
38. Cash is a form of money.
39. Credit card is a card.
40. Safeway is a supermarket.
41. NBS is a supermarket.
42. Safeway and NBS are same.
43. Safeway supermarket is located in North Berkeley.
44. t represents the time when John made the purchase.
45. Pound is a measure.
46. Ounce is a measure.
47. Kilogram is a measure.
48. If a food item has weight 1, then the food item is a unit.
49. A measure is used to weigh food items.
50. There are 5 tomatoes in a pond.
51. Customers need to pay to buy items.
52. Customers have lesser money after paying for an item.
53. Shops have more money after an item is sold.
54. A customer owns an item after buying it.
55. If people have bought items at a shop, then they have brought money for it.
56. People buy food items for eating.
57. If two different people are at the same time in a shop, they see each other.
58. Meat is an animal product.
59. Fish is an animal product.
60. Egg is an animal product.
61. Animal products are food items.
62. People who are vegetarian do not eat meat/ fish/ any animal product.
63. Vegan people do not eat any animal product/dairy products.
64. People who are non-vegetarian eat animal products.
65. Ground beef is beef.
66. G represents instance of gas.
67. Shell station is a shop which sells gas.
68. A child is not an adult.
69. An adult is not a child.
70. Items are owned by shops before they get sold to people.
71. A car trunk can fit 600 pounds of items.
72. Milk is a dairy product.
73. Cheese is a dairy product.
74. Butter is a dairy product.
75. Fish is a meat.
76. Vegetables are food items.
77. Tomato is a vegetable.
78. Cabbage is a vegetable.
79. Broccoli is a vegetable.
80. Potato is a vegetable.
81. Onion is a vegetable.
82. Juice is a beverage.
83. Soda is a beverage.
84. Alcohol is a beverage.
85. Water is a beverage.
86. Tea is a beverage.
87. Coffee is a beverage.
88. Fruits are food items.
89. Apple is a fruit.
90. Mango is a fruit.
91. Banana is a fruit.
92. Strawberry is a fruit.
93. Pineapple is a fruit.
94. Lotion is a personal item.
95. Hair spray is a personal item.
96. Shaving cream is a personal item.
97. Cosmetic is a personal item.
98. Toothbrush is a personal item.
99. Bodywash is a personal item.
100. Soap is a personal item.