Exercise 1:

2.

Sl.no	Key	Value
1	'T1'	'citrus fruit', 'semi-finished bread', 'margarine', 'ready soups'
2	'T2'	'tropical fruit', 'yogurt', 'coffee'
3	'T3'	'whole milk'
4	'T4'	'pip fruit', 'yogurt', 'cream cheese', 'meat spreads'
5	'T5'	'other vegetables', 'whole milk', 'condensed milk', 'long life bakery product'

4.

TID	Items Purchased
32	'bottled_water', 'hamburger_meat', 'hygiene_articles', 'napkins', 'other_vegetables', 'rolls/buns', 'spices'
68	'newspapers', 'red/blush_wine'
78	'bottled_beer', 'bottled_water', 'flour', 'fruit/vegetable_juice', 'salt'

5.

Support	support@0.5	support@1	support@2	support@3	support@5	support@10
No. of items	120	88	59	44	28	8

Support@3	'UHT-milk', 'beef', 'berries', 'bottled_beer', 'bottled_water', 'brown_bread', 'butter', 'canned_beer', 'chicken', 'chocolate', 'citrus_fruit', 'coffee', 'cream_cheese', 'curd', 'dessert', 'domestic_eggs', 'frankfurter', 'frozen_vegetables', 'fruit/vegetable_juice', 'hamburger_meat', 'hygiene_articles', 'long_life_bakery_product', 'margarine', 'napkins', 'newspapers', 'onions', 'other_vegetables', 'pastry', 'pip_fruit', 'pork', 'rolls/buns', 'root_vegetables', 'salty_snack', 'sausage',

	`'shopping_bags', 'soda', 'specialty_chocolate', 'sugar',`
	`'tropical_fruit', 'waffles', 'whipped/sour_cream', 'white_bread',`
	`'whole_milk', 'yogurt'`

6.

Support	support@0.5	support@1	support@2	support@3	support@5	support@10
No. of items	605	213	61	19	3	0

Support@3	Items …..`('bottled_water', 'whole_milk'), ('citrus_fruit',`
	`'whole_milk'), ('other_vegetables', 'rolls/buns'),`
	`('other_vegetables', 'root_vegetables'), ('other_vegetables',`
	`'soda'), ('other_vegetables', 'tropical_fruit'),`
	`('other_vegetables', 'whole_milk'), ('other_vegetables', 'yogurt'),`
	`('pastry', 'whole_milk'), ('pip_fruit', 'whole_milk'),`
	`('rolls/buns', 'sausage'), ('rolls/buns', 'soda'), ('rolls/buns',`
	`'whole_milk'), ('rolls/buns', 'yogurt'), ('root_vegetables',`
	`'whole_milk'), ('soda', 'whole_milk'), ('tropical_fruit',`
	`'whole_milk'), ('whipped/sour_cream', 'whole_milk'), ('whole_milk',`
	`'yogurt')`