

```

/*1*/
/*Show all registered customers without test@mail.com*/
/*return names of customers*/
(
  (
    LoyaltyCard[ID] <ID-> Card>
    *
    Customer
  )
  \
  Customer(email='test@mail.com')
)[name]

```

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/*2*/
/*Show all possible combinations of people available to prepare the order*/
/*return card IDs, names of products, names of employees*/
(
  (
    Order
    x
    Employee
  ) <product->ID, name->employee> [card, ID, employee]
  *
  Product
) [card, name, employee]

```

```

/*3*/
/*Show specific type of tea which country of origin is same as suppliers*/
/*Return name of tea and IC of supplier*/
(
  (
    Tea[countrOfOrigin = country] Supplier
    *
    Product
  ) [name, country, type, IC]
  ÷
  Tea(type = 'green', country = 'Japan')[type, country]
) [name, IC]

```

```

/*4*/
/*Show customer and his/her purchased products*/
/*Return possible name, customer ID, product ID*/
(
  (
    Customer[name, card]
    *outerJoin
    LoyaltyCard<ID->card>
  ) [name, card]
  *outerJoin
  Order
) [name, card, product]

```

```

/*5*/
/*Show suppliers that can supply both Gaba and karkade*/
/*Return IC of targeted suppliers*/
(
  (
    Product(name = 'karkade')<ID->product>
    *
    SuppliedBy
  ) [supplier]
  intersection
  (
    Product(name = 'gaba')<ID->product>
    *
    SuppliedBy
  ) [supplier]
)

```