```
1.)
  a.) πyear(πbid((πcid(σzipcode=02125 Customers)) ⋈ Orders) ⋈ Books)
  b.) πzipcode((πcid(σquantity>9 ((πbid(σprice>100 Books))⋈ Orders)))⋈ Customers)
  c.) pbadbooks(πcid((πbid(σyear<1990 Books)) ⋈ Orders))
    \picname(((\picid Orders)- badbooks)\bowtie Customers)
  d.) (\pi cname((\pi cid((\pi bid(\sigma author=Edgar Codd Books)))))) Orders))) Customers)) \cup
e.) --
  f.) --
2.)
  a.) πpname((πpid(σprice<801((πfid(σaircraft=B787 Flights)))  Tickets))) Passengers)
  b.) pnotboston((\pifid(\sigmafrom¬BOS \wedge to¬BOS Flight))\bowtie Tickets)
    \pi age((\pi pid((\sigma Tickets)- notboston)))\bowtie Passengers)
  c.) πprice((πfid(σaircraft=B777 Flights)) ⋈ Tickets)
  d.) \picity((\pipid((\sigmaprice<501 Tickets)) \cup ((\pifid(\sigmamiles>500 Flights))\bowtie Tickets)))\bowtie Passengers)
  e.) --
  f.) --
```