```
i. TIsname ((TIsid (Owlor='red' (Parts) ≥ Catalog)) ≥ Suppliers)
ii. (Tsid ((Oolor='red'(Parts)) Catalog)) V (Tsid ((Oolor='green'(Parts)) Catalog))
iii. (Tsid (Scolor= red, (Parts) × (atalog)) V (Tsid (Suppliers))
iv PA (Tsid ((Tpid (Ocolor='red' (Parts))) M (atalog))
   P_{B}(\Pi_{sid}((\Pi_{pid}(O_{color='green'}(Parts)))) \bowtie (atalog))
   ANB
V. Tsid, pid ((atalog) / Tpid (Parts)
Vi. Tsid, Pid (Catalog) / Tpid (Ocolor = 'red' (Parts))
vii. Tsid, pid (Catalog) / Tpid (Ocolor = 'red' (Parts) V Ocolor = 'green' (Parts))
viii. (Tsid, pid (Catalog) / Tpid (Ocolor= red, (Parts)))
                      V (Tsid, pid (Catalog) / Trpid (Ocolor = 'green' (Parts)))
IX. TA. Sid, B. sid (OA. cost > B. cost A A. sid ≠ B. sid A A. pid = B. pid (PA ((atalog) X PB ((atalog))))
X TA. pid (OA. sid + B. sid A A. pid = B. pid (PA ((atalog) X PB ((atalog))))
Xi. PA((Tsid (Osname='canada suppliers' (Suppliers))) XX (atalog)
    P_D(T_{B.Sid}, B. Pid, B. cost (O_{B. cost < C. cost}(P_B(A) \times P_C(A))))
    TTpid(A-D)
XII. TIsid, Pid (Ocost < 200 ((atalog)) / TIsid (Suppliers)
```