**1. What is the total amount of petrol in volume sold by every distributer?**

B = foreach (group p\_data all) generate SUM(p\_data.c6);

dump B;

OUTPUT:

(301253.0)

**2. Which are the top 10 distributers ID's for selling petrol? Also display the amount of**

**petrol sold in volume.**

A = foreach p\_data generate c1,c6;

B =LIMIT A 10;

OUTPUT:

(I4N 1M1,843.0)

(Z7O 7C2,722.0)

(T6Q 0L9,805.0)

(S1J 8B8,657.0)

(O5C 2A0,839.0)

(F2C 6A5,891.0)

(U6Z 9L5,845.0)

(K5F 7T2,865.0)

(G3A 8D8,739.0)

(V6A 9B9,797.0)

**3. List 10 years where consumption of petrol is more with the distributer id who sold it.**

A = foreach p\_data generate c1,c7,c5-c6 as consumption;

B = DISTINCT A;

C = order B by consumption desc;

D = LIMIT C 10;

(E6U 0I2,1646.0,483.0)

(R3W 2E3,1767.0,480.0)

(I2N 7S1,1935.0,478.0)

(A7Z 3L9,1795.0,474.0)

(V8S 4P6,1732.0,464.0)

(C0G 8G1,1843.0,460.0)

(C9B 3Q8,1782.0,457.0)

(M1J 2H6,1693.0,455.0)

(T4L 8D0,2000.0,452.0)

(J7Z 9V4,1748.0,446.0)

**4. Find the distributer name who sold petrol in least amount.**

A = foreach p\_data generate $1 as name,SUBSTRING(c4,1,10) as rate;

B = foreach A generate name,(double)rate;

C = group B all;

D = foreach C{

ord =order B by rate asc;

generate FLATTEN(ord);};

E = LIMIT D 1;

DUMP E;

OUTPUT:

(Bharat,912.81)