|  |  |
| --- | --- |
| TABLE STRUCTURE | |
| CREATE TABLE TABLEA (  id INT  );  INSERT INTO TABLEA (id) VALUES (1);  INSERT INTO TABLEA (id) VALUES (2);  INSERT INTO TABLEA (id) VALUES (3);  INSERT INTO TABLEA (id) VALUES (4);  INSERT INTO TABLEA (id) VALUES (7);  CREATE TABLE TABLEB (  id INT  );  INSERT INTO TABLEB (id) VALUES (1);  INSERT INTO TABLEB (id) VALUES (2);  INSERT INTO TABLEB (id) VALUES (5);  INSERT INTO TABLEB (id) VALUES (6);  CREATE TABLE TABLEC (  id INT  );  INSERT INTO TABLEC(id) VALUES (1);  INSERT INTO TABLEC(id) VALUES (5);  INSERT INTO TABLEC(id) VALUES (7);  INSERT INTO TABLEC(id) VALUES (8); | |
|  | |
| Query1 | |
| select ta.id A,tb.id B  from tablea ta  inner join tableb tb  on ta.id = tb.id  a|b|  -+-+  1|1|  2|2| |  |
| Query2 | |
| select ta.id A,tb.id B  from tablea ta  left join tableb tb  on ta.id = tb.id  a|b|  -+-+  1|1|  2|2|  3| |  4| |  7| | |  |
| Query3 | |
| select ta.id A,tb.id B  from tablea ta  left join tableb tb  on ta.id = tb.id  where tb.id is null  a|b|  -+-+  3| |  4| |  7| | |  |
| Query4 | |
| select ta.id A,tb.id B  from tablea ta  right join tableb tb  on ta.id = tb.id  a|b|  -+-+  1|1|  2|2|  |5|  |6| |  |
| Query5 | |
| select ta.id A,tb.id B  from tablea ta  right join tableb tb  on ta.id = tb.id  where ta.id is null  a|b|  -+-+  |5|  |6| |  |
| Query6 |  |
| select \* from tablea ta  full outer join tableb tb  on ta.id = tb.id  where ta.id is null or tb.id is null  id|id|  --+--+  3| |  4| |  | 5|  | 6|  7| |  select coalesce(ta.id,tb.id) id from tablea ta  full outer join tableb tb  on ta.id = tb.id  where ta.id is null or tb.id is null  id|  --+  5|  6|  4|  3|  7| |  |
| Query7 |  |
| select \* from tablea ta  full outer join tableb tb  on ta.id = tb.id  id|id|  --+--+  1| 1|  2| 2|  3| |  4| |  | 5|  | 6|  7| | |  |
| Query8 |  |
| select ta.id A,tb.id B,tc.id C from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  a|b|c|  -+-+-+  1|1|1| |  |
| Query9 |  |
| select ta.id from tablea ta  inner join tableb tb  on ta.id = tb.id  union  select tc.id from tablec tc  inner join tablea ta  on ta.id = tc.id  union  select tb.id from tableb tb  inner join tablec tc  on tb.id = tc.id  id|  --+  7|  2|  1|  5| |  |
| Query10 | |
| select tc.id from tablec tc  inner join tablea ta  on ta.id = tc.id  union  select tb.id from tableb tb  inner join tablec tc  on tb.id = tc.id  id|  --+  1|  5|  7| |  |
| Query11 |  |
| select tb.id from tableb tb  inner join tablec tc  on tb.id = tc.id  union  select ta.id from tablea ta  inner join tableb tb  on ta.id = tb.id  id|  --+  1|  5|  2| |  |
| Query12 |  |
| select ta.id from tablea ta  inner join tableb tb  on ta.id = tb.id  union  select tc.id from tablec tc  inner join tablea ta  on ta.id = tc.id  id|  --+  1|  7|  2| |  |
| Query13 |  |
| select ta.id A from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  union  select ta.id A  from tablea ta  inner join tablec tc  on ta.id = tc.id  a|  -+  1|  7| |  |
| Query14 |  |
| select ta.id A from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  union  select ta.id A  from tablea ta  inner join tableb tb  on ta.id = tb.id  a|  -+  1|  2| |  |
| Query15 |  |
| select ta.id A from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  union  select tc.id  from tableb tb  inner join tablec tc  on tc.id = tb.id  a|  -+  1|  5| |  |
| Query16 |  |
| select ta.id from tablea ta  left join tableb tb  on ta.id = tb.id  union  select tb.id from tableb tb  inner join tablec tc  on tb.id = tc.id  id|  --+  1|  4|  3|  5|  7|  2| |  |
| Query17 |  |
| select tc.id from tablec tc  left join tablea ta  on ta.id = tc.id  union  select ta.id from tablea ta  inner join tableb tb  on ta.id = tb.id   id|  --+  1|  8|  5|  7|  2| |  |
| Query18 |  |
| select tb.id from tableb tb  left join tablea ta  on ta.id = tb.id  union  select ta.id from tablea ta  inner join tablec tc  on ta.id = tc.id  id|  --+  1|  5|  7|  2|  6| |  |
| Query19 |  |
| select coalesce(ta.id,tb.id) id from tablea ta  full outer join tableb tb  on ta.id = tb.id  id|  --+  1|  2|  3|  4|  5|  6|  7| |  |
| Query20 |  |
| select coalesce(ta.id,tc.id) id from tablea ta  full outer join tablec tc  on ta.id = tc.id  id|  --+  1|  2|  3|  4|  5|  7|  8| |  |
| Query21 |  |
| select coalesce(tb.id,tc.id) id from tableb tb  full outer join tablec tc  on tb.id = tc.id  id|  --+  1|  2|  5|  6|  7|  8| |  |
| Query22 |  |
|  |  |
| Query23 |  |
|  |  |
| Query24 |  |
|  |  |
| Query25 |  |
|  |  |
| Query26 |  |
|  |  |
| Query27 |  |
|  |  |
| Query28 |  |
|  |  |
| Query29 |  |
| select coalesce (A.id,B.id,C.id) id from  (  select tb.id from tableb tb  inner join tablec tc  On tc.id = tb.id  ) A  full outer join  (  select ta.id from tablea ta  inner join tableb tb  On tb.id = ta.id  ) B  on A.id = B.id  full outer join  (  select ta.id from tablea ta  inner join tablec tc  On tc.id = ta.id    ) C  on A.id = C.id  where A.id is null or B.id is null  id|  --+  5|  2|  7| |  |
| Query30 |  |
| select coalesce(A.id,B.id) id from  (  select tb.id from tableb tb  inner join tablec tc  On tc.id = tb.id  ) A  full outer join  (  select ta.id from tablea ta  inner join tableb tb  On tb.id = ta.id  ) B  on A.id = B.id  where A.id is null or B.id is null  id|  --+  2|  5| |  |
| Query31 |  |
| select coalesce(A.id,B.id) id from  (  select ta.id from tablea ta  inner join tablec tc  On tc.id = ta.id  ) A  full outer join  (  select ta.id from tablea ta  inner join tableb tb  On tb.id = ta.id  ) B  on A.id = B.id  where A.id is null or B.id is null  id|  --+  2|  7| |  |
| Query32 |  |
| select coalesce(A.id,B.id) id from  (  select ta.id from tablea ta  inner join tablec tc  On tc.id = ta.id  ) A  full outer join  (  select tb.id from tableb tb  inner join tablec tc  On tc.id = tb.id  ) B  on A.id = B.id  where A.id is null or B.id is null  id|  --+  5|  7| |  |
| Query33 |  |
| select ta.id from tablea ta  inner join tablec tc  On tc.id = ta.id  union  select B.id id  from (  select ta.id id from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  ) A  full outer join  ( select tb.id id from tableb tb  inner join tablec tc  on tb.id = tc.id  ) B  on B.id = A.id  where A.id is null or B.id is null  id|  --+  1|  5|  7| |  |
| Query34 |  |
| select ta.id id from tableA ta  inner join tableb tb  on ta.id = tb.id  union  select B.id id  from (  select ta.id id from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  ) A  full outer join  ( select tb.id id from tableb tb  inner join tablec tc  on tb.id = tc.id  ) B  on B.id = A.id  where A.id is null or B.id is null  id|  --+  1|  2|  5| |  |
| Query35 |  |
| Select ta.id from tablea ta  Inner join tableb tb  On tb.id = ta.id  union  select B.id id  from (  select ta.id id from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  ) A  full outer join  ( select ta.id id from tablea ta  inner join tablec tc  on ta.id = tc.id  ) B  on B.id = A.id  where A.id is null or B.id is null  id|  --+  1|  2|  7| |  |
| Query36 |  |
| select tb.id B from tablea ta  full outer join tableb tb  on ta.id = tb.id  full outer join tablec tc  on ta.id = tc.id  where tb.id is not null  b|  -+  1|  2|  5|  6| |  |
| Query37 |  |
| select ta.id A from tablea ta  full outer join tableb tb  on ta.id = tb.id  full outer join tablec tc  on ta.id = tc.id  where ta.id is not null  A |  --+  1|  2|  3|  4|  7| |  |
| Query38 |  |
| select tc.id C from tablea ta  full outer join tableb tb  on ta.id = tb.id  full outer join tablec tc  on ta.id = tc.id  where tc.id is not null  c|  -+  1|  5|  7|  8| |  |
| Query39 |  |
| select B.id id  from (  select ta.id id from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  ) A  full outer join  ( select ta.id id from tablea ta  inner join tablec tc  on ta.id = tc.id  ) B  on B.id = A.id  where A.id is null or B.id is null  id|  --+  7| |  |
| Query40 |  |
| select B.id id  from (  select ta.id id from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  ) A  full outer join  ( select tb.id id from tableb tb  inner join tablec tc  on tb.id = tc.id  ) B  on B.id = A.id  where A.id is null or B.id is null  id|  --+  5| |  |
| Query 40 |  |
| select B.id id  from (  select ta.id id from tablea ta  inner join tableb tb  on ta.id = tb.id  inner join tablec tc  on ta.id = tc.id  ) A  full outer join  ( select ta.id id from tablea ta  inner join tableb tb  on ta.id = tb.id  ) B  on B.id = A.id  where A.id is null or B.id is null  B |  --+  2| |  |