

Basi di Dati

Oracle SQLPLUS - Esercitazione n.2

Silvia Chiusano e Paolo Garza

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1 Soluzioni

Vengono di seguito riportate alcune possibili soluzioni per le interrogazioni presentate nel testo della seconda esercitazione di basi di dati.

1. SELECT PLAYERNO, NAME FROM PLAYERS
WHERE NAME LIKE 'B%';
2. SELECT NAME, LEAGUENO FROM PLAYERS
WHERE LEAGUENO<>8467
OR LEAGUENO IS NULL;
3. SELECT NAME, INITIALS FROM PLAYERS
WHERE PLAYERNO NOT IN
(SELECT PLAYERNO FROM TEAMS);

SELECT NAME, INITIALS FROM PLAYERS P
WHERE NOT EXISTS
(SELECT * FROM TEAMS T
WHERE T.PLAYERNO=P.PLAYERNO);
4. SELECT PLAYERNO, COUNT(*) FROM PENALTIES
GROUP BY PLAYERNO
HAVING COUNT(*)>1;

```
5. SELECT DISTINCT PLAYERNO FROM PENALTIES
   WHERE AMOUNT=25
   AND PLAYERNO IN
     (SELECT PLAYERNO FROM PENALTIES
      WHERE AMOUNT=30);
```

```
-----
SELECT DISTINCT PLAYERNO FROM PENALTIES
WHERE PLAYERNO IN
  (SELECT PLAYERNO FROM PENALTIES
   WHERE AMOUNT=25)
AND PLAYERNO IN
  (SELECT PLAYERNO FROM PENALTIES
   WHERE AMOUNT=30);
```

```
-----
SELECT DISTINCT P1.PLAYERNO FROM PENALTIES P1, PENALTIES P2
WHERE P1.PLAYERNO=P2.PLAYERNO
AND P1.AMOUNT=25 AND P2.AMOUNT=30;
```

```
6. SELECT TEAMNO FROM TEAMS
   WHERE TEAMNO NOT IN
     (SELECT TEAMNO FROM GAMES
      WHERE PLAYERNO=57);
```

```
-----
SELECT TEAMNO FROM TEAMS T
WHERE NOT EXISTS
  (SELECT * FROM GAMES G
   WHERE G.TEAMNO=T.TEAMNO
   AND G.PLAYERNO=57);
```

```
7. SELECT DISTINCT PLAYERNO FROM GAMES
   WHERE PLAYERNO NOT IN
     (SELECT PLAYERNO FROM GAMES
      WHERE TEAMNO NOT IN
        (SELECT TEAMNO FROM GAMES WHERE
         PLAYERNO=57)
     );
```

```
8. SELECT NAME
   FROM PLAYERS P, GAMES G
```

```
WHERE P.PLAYERNO=G.PLAYERNO
      AND (TOWN='Stratford' OR TOWN='Inglewood')
GROUP BY P.PLAYERNO, NAME
HAVING COUNT(*)>1;
```

```
-----
SELECT NAME
FROM PLAYERS
WHERE (TOWN='Stratford' OR TOWN='Inglewood')
      AND PLAYERNO IN
      (SELECT PLAYERNO FROM GAMES
       GROUP BY PLAYERNO
       HAVING COUNT(*)>1);
```

```
9. SELECT NAME, SUM(WON), SUM(LOST)
FROM GAMES G, PLAYERS P
WHERE G.PLAYERNO=P.PLAYERNO
GROUP BY P.PLAYERNO, NAME
HAVING SUM(WON)>=10;
```

```
10. SELECT SUM(WON)
FROM GAMES G, PLAYERS P
WHERE G.PLAYERNO=P.PLAYERNO
      AND TOWN='Stratford'
      AND PLAYERNO NOT IN
      (SELECT PLAYERNO FROM TEAMS);
```

```
-----
SELECT SUM(WON)
FROM GAMES
WHERE PLAYERNO IN
      (SELECT PLAYERNO FROM PLAYERS
       WHERE TOWN='Stratford')
      AND PLAYERNO NOT IN
      (SELECT PLAYERNO FROM TEAMS);
```

```
11. SELECT PLAYERNO, AMOUNT, CDATE FROM PENALTIES P1
WHERE P1.AMOUNT=(SELECT MAX(AMOUNT) FROM PENALTIES P2
                  WHERE P2.PLAYERNO=P1.PLAYERNO);
```