

ASSIGNMENT-1b (SQL)

1. Write SQL for the following:

TEAM_MASTER (TEAM_ID, TEAM_NAME)

PLAYER(TEAM_ID, PID, PNAME, PBIRTHDATE)

SCORE(TEAM_ID, PID, RUNS_MADE, OUT_TYPE, B_ID, BTEAM_ID)

BALLING (TEAM_ID, B_ID, OVERS, MAIDEN, RUNS_GIVEN, WICKETS_TAKEN)

In the above tables, B_ID is the bowler id and refers to the P_ID of PLAYER table. The SCORE table stores details about the scores of the batsmen and also stores details about how they got out. The BALLING table stores details about the bowlers.

1. Write DDLs to create the above table with necessary constraints.
2. Display details about the bowler who took the maximum wickets.
3. Which players are born in the month of October and have scored more than 25 runs?
4. Display details about players who bowled at the most three maiden overs.
5. Display the total runs given by each bowler.
6. Display team wise how many players got out with lbw, stumping, catch etc.
7. Display details about players who are more than 25 years old.
8. Display the bowlers who are also batsmen.
9. Create a read only view, which contains details about the team name and all its players.

Write SQL for the following:

CANDIDATE (CID, CNAME, CADDRESS, CBIRTH_DT)

TEST (TID, TNAME, TOT_MRKS, PASS_MKS)

TEST_CENTRE (TCID, LOCATION, MGR, CAPACITY)

TEST_TAKEN (CID, TID, TCID, TEST_DT, SCORE)

1. Design the above tables with appropriate constraints.
2. Display the number of candidates who have appeared for each test at each test centre.
3. Display candidate details for those candidates who have scored as many marks as Peter for tests conducted at Bangalore.
4. Display details about test centers where no tests have been conducted.
5. Display details of candidates who have failed.
6. For tests, which have been conducted between 2-3-04 and 23-4-04, show details of the tests as well as the test centers.
7. How many candidates appeared in the 'ORACLE FUNDAMENTALS' test at Surat in the month of February?
8. Display details about candidates who appeared for tests in the same month as the month in which they were born.
9. Display the details about candidates who have scored the highest in each test, test centre wise.
10. Design a read only view that has details about candidates and the tests that he has appeared for.