**Oracle Activity**

Create the table “category”

|  |  |  |
| --- | --- | --- |
| Cat\_id | int | Primary key |
| Cat\_name | Varchar2(45) |  |
|  |  |  |

Create the table product

|  |  |  |
| --- | --- | --- |
| pid | int | Primary key |
| pname | Varchar2(45) |  |
| price | Number(10,2) |  |
| Brand | Varchar2(15) |  |
| cid | int | FK |

* Display all the products in the ascending order of brand
* Display all the products in the descending order of price and ascending of pname
* Display all the products for the given brand
* Display all the products for the price range
* Display all the products whose pname starts with ‘r’
* Display all the products whose brand second letter is ‘o’
* Display the products whose brand contains 4 characters
* Display all the products greater than 10000 for the given brand
* Display no of products, max and min price
* Display no of products, max and min for each cid
* Display average, sum and no of products for the given cid

**Joins and subqry**

Display cat\_name, pname, price, brand for all the products

Display all the products for the given category name

Display max, min and count no of products for each category name

Display max, min and count no of products for each category name and exclude the group that have less than two product

Display the max priced product

Display the max priced product for given category

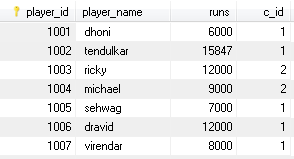
Display the max priced product in each category

**Exersice 2(using joins)**

**Create the table country**

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**Create the table players**

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C\_id is the foreign key referecing ctry\_id in country table

Display all the players in the descending order of runs

Display the player for the given player name

Display the player for the given run score range

Display the player(s) for the given country ID

Display the player whose name starts with ‘d’(ignore case)

Display the player whose name contains 3 characters

Display the player whose name ends with ‘singh’

Display the player whose second charcharacter is ‘i’

Displayer the player whose player name length is more than or equal to five chars

Display the average, no of player and total runs

Display the average, no of player and total runs for given Cid

Display the max. min, average, no of players and total runs for each Cid

Display max, min, average, no of players for the each country ID excluding the country having the average 20%

**Using joins and subquery**

Display player\_name, runs, ctry\_name

Display player\_id, player\_name, runs for the given country name

Display player\_id, player\_name, runs, ctry\_name who scored more than 10000

Display the total and average score for the given country ‘india’

Display no of players for the given country name

Display the players who does not belong to any country

Display max, min, average, no of players for the each country name excluding the country having the average 20%

Display the player who scored maximum runs

Display the player who scored maximum runs in each country

Display the player who scored the below average runs

Display the player who scored the below average runs in each country