Mark as done

Opened: Friday, 21 April 2023, 1:29 PM
Due: Friday, 21 April 2023, 2:30 PM

SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY

Pune and Karad

Introduction To DBMS Lab Exam

Course Name: PG-DMC   **Batch : Mar 2023**

Module Name: Introduction To DBMS   **Max.Marks:20**

Date: 21-04-2023   **Time: 1 HR**

Instructions :

1. Create new directory by the name DBMS<12 digit PRN No> in HOME directory.

2. Create a text file with name DBMS<12 digit PRN No> in this file copy past your successfully executed commands/queries with respect to your appropriate question number .

3. After evaluation compress/zip your folder (DBMS<12 digit PRN No>) and upload it on EMIS.

1.Create table OS with column OS_ID and OS_Name having primary key to OS_ID and insert following value in it :--

create table OS(OS_ID int not null auto_increment, OS_Name varchar(255) not null, primary key(OS_ID));

```
+-------+---------+
| OS_ID | OS_Name |
+-------+---------+
|   1   | Android |
|   2   | IOS     |
|   3   | Windows |
+-------+---------+
```

2.Create table Mobiles with column Mobile_id,Model_Name,Company,Company having primary key

to Mobile_id and OS_ID must be Foreign Key Insert

following value in it :--

create table Mobiles(Mobile_id int not null auto_increment,Model varchar(255) not null,Company varchar(255) not null,Price double not null,OS_ID int not null,primary key(Mobile_id),foreign key (OS_ID) references OS(OS_ID));

```
+-----------+-------------+----------+-------+-------+
| Mobile_id | Model       | Companyl | Price | OS_ID |
+-----------+-------------+----------+-------+-------+
|         1 | iPhone 13   | Apple    | 80000 |     2 |
|         2 | Note 10 Pro | Redmi    | 18000 |     1 |
|         3 | Lumia 420   | Nokia    | 18000 |     3 |
|         4 | M30s        | Samsung  | 18000 |     2 |
|         5 | A31         | Oppo     | 11500 |     1 |
```

| 6 | Narzo | RealMe | 9000 | 1 |

+-----------+-------------+----------+-------+-------+

Q1)write a select command that will produce mobile details whose price is 18000(use in operator).-----------------(2marks)

Q2)display all Mobile names in capital letters whoes name begin with letter N.-----------------(2marks)

Q3)write a subquery to display data of Mobiles who has OS Android (Use sub-query).--------------------------------------(2marks)

Q4) display details of Mobiles in descending order of Company.-------------------------(2marks)

Q5)Q5)Write a query to increaseprice 10% whose OS_id = 2, increase price 20% whose OS_id = 1 and other 30%. (Use only CASE)--formula((initial price*percent/100)+initial price).--------------------------(2marks)

Q6)display all Mobiles whose name begin with letter N and end with o.------------------------(2marks)

Q7)Join two tables to Display the OS_ID, OS_NAME where the count of OS is greater than 1(use join and having).-------------------------------(2marks)

Stored Procedure

Q8)Write a stored procedure to check the given number is palindrome or not? 4M

create temp table with two fields num and status and Output Should be inserted into temp table like

```
+------+----------------------+

| num  | status               |

+------+----------------------+

|  101 | num is pallindrom    |

|  123 | num is not pallindrom |

+------+----------------------+
```

Sr. No.	Points to cover	Maximum Marks
1	Insert Data In table	2
2	Queries	14
3	Stored Procedure	4
		20
Total:		

Add submission

Submission status

Submission status	No submissions have been made yet
Grading status	Not graded
Time remaining	59 mins 15 secs remaining

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