

DBMS
LAB sheet - 2

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CLASS :- CSE

Roll :- 20BCS062

Create the following tables (not specify any constraints)

A) CREATE TABLE category-details (
category-id numeric (2),
category-name varchar (30)
);

B) CREATE TABLE sub-category-details (
sub-category-id numeric (2),
category-id numeric (2),
sub-category-name varchar (30)
);

C) CREATE TABLE product-details (
product-id numeric (6),
category-id numeric (2),
sub-category-id numeric (2),
product-name varchar (30)
);

4) CREATE TABLE Category-details (CEG 206CS002
category-name varchar (30),
PRIMARY KEY (category-id numeric (2))
);

2) CREATE TABLE Sub-Category-details (
category-id numeric (2),
sub-category-name varchar (30),
PRIMARY KEY (sub-category-id numeric (2))
);

3) CREATE TABLE Sub-Category-details (
~~sub-category-id numeric (2)~~
sub-category-name varchar (30),
category-name varchar (30),
PRIMARY KEY (sub-category-id numeric (2))
FOREIGN KEY (category-id numeric (2))
REFERENCES
Category-details (category id)
);

4) CREATE TABLE Product-details (
category-id numeric (2),
sub-category-id numeric (2),
product-name varchar (30)
PRIMARY KEY (product-id numeric (6))
);

5) ALTER TABLE - product - details (

ADD COLUMN (price numeric (2)),
);

6) MODIFY COLUMN - product - details (

MODIFY COLUMN (price numeric (6,2)).
);

7) ALTER TABLE - product details (

ADD COLUMN1 (price numeric (2)),

ADD COLUMN2 (price numeric (2)),

ADD COLUMN3 (price numeric (2)),

ADD COLUMN4 (price numeric (2))

);

ER Diagram :-

