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| Create database Online Games |
|  |  |
|  |  |
|  | CREATE TABLE Product ( |
|  | Product\_id INTEGER PRIMARY KEY AUTO\_INCREMENT, |
|  | description VARCHAR(255) NOT NULL, |
|  | pro\_name VARCHAR(255), |
|  | price DECIMAL(19 , 4 ) |
|  | ); |
|  |  |
|  | INSERT into Product values(1000,'console','Xbox 360',350.00); |
|  | INSERT into Product values(NULL,'console','PlayStation',150.00); |
|  | select \* from Product; |
|  |  |
|  | INSERT into Product values(NULL,'console','PlayStation 3',250.00); |
|  | INSERT into Product values(NULL,'console','PlayStation 4',400.00); |
|  | INSERT into Product values(NULL,'games','Grand Theft Auto',400.00); |
|  | INSERT into Product values(NULL,'games','Grand Theft Auto',400.00); |
|  | INSERT into Product values(NULL,'games','Call duty Ghosts',900.00); |
|  | INSERT into Product values(NULL,'games','FarCry Primal',1400.00); |
|  | INSERT into Product values(NULL,'games','Division',2000.00); |
|  | INSERT into Product values(NULL,'games','Dirt Rally',1400.00); |
|  | INSERT into Product values(NULL,'games','Counter Strike',437.00); |
|  | INSERT into Product values(NULL,'games','Mafia',400.00); |
|  | INSERT into Product values(NULL,'games','Battlefield',400.00); |
|  | INSERT into Product values(NULL,'accessories','Xbox one battery',400.00); |
|  | INSERT into Product values(NULL,'accessories','Xbox one battery',400.00); |
|  | INSERT into Product values(NULL,'accessories','Xbox one charger',300.00); |
|  | INSERT into Product values(NULL,'accessories','Xbox one controller',200.00); |
|  | INSERT into Product values(NULL,'accessories','PS4 battery',500.00); |
|  | INSERT into Product values(NULL,'accessories','PS4 battery',500.00); |
|  | INSERT into Product values(NULL,'accessories','PS4 charger',300.00); |
|  | INSERT into Product values(NULL,'accessories','PS4 controller',600.00); |
|  | INSERT into Product values(NULL,'accessories','Wii battery',400.00); |
|  | INSERT into Product values(NULL,'accessories','Wii battery',400.00); |
|  | INSERT into Product values(NULL,'accessories','Wii charger',300.00); |
|  | INSERT into Product values(NULL,'accessories','Wii controller',200.00); |
|  | INSERT into Product values(NULL,'accessories','Wii headset',200.00); |
|  |  |
|  | INSERT into Product values(NULL,'games','FarCry Primal',1390.00); |
|  | INSERT into Product values(NULL,'games','Division',2000.00); |
|  | INSERT into Product values(NULL,'games','Dirt Rally',1400.00); |
|  | INSERT into Product values(NULL,'games','Counter Strike',437.00); |
|  | INSERT into Product values(NULL,'games','Mafia',400.00); |
|  | INSERT into Product values(NULL,'games','Battlefield',400.00); |
|  |  |
|  | INSERT into Product values(NULL,'accessories','PS3 battery,charger & controller set',700.00); |
|  | INSERT into Product values(NULL,'accessories','PS2 battery, charger & controller set',650.00); |
|  | INSERT into Product values(NULL,'accessories','PS3 battery, charger & controller set',650.00); |
|  |  |
|  |  |
|  |  |
|  | SELECT \* FROM Product; |
|  | CREATE TABLE consoles |
|  | ( |
|  | console\_id Integer PRIMARY KEY, |
|  | drive\_type varchar(255), |
|  | size Integer, |
|  | details varchar(255), |
|  | FOREIGN KEY (console\_id) |
|  | REFERENCES Product (product\_id) |
|  | ON DELETE CASCADE ON UPDATE CASCADE |
|  | ); |
|  | CREATE TABLE accessories |
|  | ( |
|  | accessory\_id Integer PRIMARY KEY, |
|  | accessory\_name varchar(255), |
|  | details varchar(255), |
|  | FOREIGN KEY (accessory\_id) |
|  | REFERENCES Product (product\_id) |
|  | ON DELETE CASCADE ON UPDATE CASCADE |
|  | ); |
|  | INSERT into consoles values(1000, 'XBox 360',20,'popular video game'); |
|  | INSERT into consoles values(1001, 'Playstation',20,'version 1. Size user upgradable.'); |
|  | INSERT into consoles values(1002, 'Playstation 3',20,'version 3. Size user upgradable to 500GB.'); |
|  | INSERT into consoles values(1003, 'Playstation 4',500,'version 4. Size user upgradable to 1TB.'); |
|  | select \* from consoles; |
|  |  |
|  | CREATE TABLE Games |
|  | ( |
|  | Games\_id Integer PRIMARY KEY, |
|  | games\_name varchar(255), |
|  | min\_memory\_size Integer, |
|  | max\_no\_players Integer, |
|  | details varchar(255), |
|  | console\_fk INTEGER, |
|  |  |
|  | FOREIGN KEY (Games\_id) |
|  | REFERENCES Product (product\_id) |
|  | ON DELETE CASCADE ON UPDATE CASCADE, |
|  | FOREIGN KEY (console\_fk) |
|  | REFERENCES consoles (console\_id) |
|  | ON DELETE CASCADE ON UPDATE CASCADE |
|  | ); |
|  | INSERT into Games values(1004, 'Grand Theft Auto',16,32,'version 5',1000); |
|  | INSERT into Games values(1005, 'Grand Theft Auto',8,16,'version 3',1001); |
|  | INSERT into Games values(1006, 'Call of duty ghosts',3,12,'version 2',1003); |
|  | INSERT into Games values(1007, 'FarCry',8,15,'version 3',1000); |
|  | INSERT into Games values(1008, 'Division',35,100,'version 3',1002); |
|  | INSERT into Games values(1009, 'Dirt Rally',18,15,'version 3',1000); |
|  | INSERT into Games values(1010, 'Mafia',16,8,'latest version 11',1000); |
|  | INSERT into Games values(1011, 'Mafia',10,5,'version 5',1002); |
|  | INSERT into Games values(1012, 'Battlefield',8,15,'version 15',1003); |
|  |  |
|  | INSERT into Games values(1026, 'FarCry Primal',8,15,'version 4',1003); |
|  | INSERT into Games values(1027, 'Division',35,100,'version 3',1000); |
|  | INSERT into Games values(1028, 'Dirt Rally',18,15,'version 3',1003); |
|  | INSERT into Games values(1029, 'Assasin Creed',8,8,'latest version 11',1003); |
|  | INSERT into Games values(1030, 'Marfia',10,5,'version 5',1000); |
|  | INSERT into Games values(1031, 'Fortnite',24,16,'version 16',1000); |
|  |  |
|  |  |
|  | SELECT \* FROM Games; |
|  |  |
|  | INSERT into accessories values(1013, 'Xbox one battery','varied sizes available. Great reviews.'); |
|  | INSERT into accessories values(1014, 'Xbox one battery','varied size available. Great reviews.'); |
|  | INSERT into accessories values(1015, 'Xbox one charger','In stock'); |
|  | INSERT into accessories values(1016, 'Xbox one controller','black and metallic colors'); |
|  | INSERT into accessories values(1017, 'PS4 battery','all sizes'); |
|  | INSERT into accessories values(1018, 'PS3 battery','all sizes'); |
|  | INSERT into accessories values(1019, 'PS4 charger','extendible cord'); |
|  | INSERT into accessories values(1020, 'PS4 controller','colors: black, red, gray, blue, white'); |
|  | INSERT into accessories values(1021, 'Wii headset','Striker P1 Black'); |
|  | INSERT into accessories values(1022, 'Wii battery','NS-GWII1106'); |
|  | INSERT into accessories values(1023, 'Wii battery','NS-GWII1108'); |
|  | INSERT into accessories values(1024, 'Wii charger','NS-GWII1106'); |
|  | INSERT into accessories values(1025, 'Wii controller','WII U - GA'); |
|  | INSERT into accessories values(1032,'PS4 battery,charger & controller set','All sizes & colors in stock.'); |
|  | INSERT into accessories values(1033,'PS2 battery,charger & controller set','All sizes & colors in stock.'); |
|  |  |
|  |  |
|  | CREATE TABLE customer |
|  | ( |
|  | customer\_id Integer PRIMARY KEY AUTO\_INCREMENT, |
|  | customer\_name varchar(255), |
|  | customer\_phone varchar(10), |
|  | address varchar(255) |
|  | ); |
|  |  |
|  | CREATE TABLE customer\_orders |
|  | ( |
|  | order\_id Integer PRIMARY KEY AUTO\_INCREMENT, |
|  | date\_order date, |
|  | product Integer, |
|  | product\_count Integer, |
|  | customer Integer, |
|  | order\_status varchar(255), |
|  | FOREIGN KEY (customer) |
|  | REFERENCES customer (customer\_id) |
|  | ON DELETE CASCADE ON UPDATE CASCADE, |
|  | FOREIGN KEY (product) |
|  | REFERENCES Product (product\_id) |
|  | ON DELETE CASCADE ON UPDATE CASCADE |
|  | ); |
|  |  |
|  | insert into customer values(100,'Joy','0163124578',"Bashundhara D-block, House no.F-49 "); |
|  | insert into customer values(NULL,'Abid','01724045765',"Mirpur Dohs D-block, House no. 34 "); |
|  | insert into customer values(NULL,'Rahman','0184504576',"Dhanmondi Road no. 2, House no. G54 "); |
|  | insert into customer values(NULL,'Hasan','0167694578',"Mirpur F- block, House no. 67 "); |
|  | insert into customer values(NULL,'Noor','0187204576',"Bashundhara A-block, House no. 45"); |
|  | insert into customer values(NULL,'Javed','0154504576',"Baridhara C-block, House no. 23 "); |
|  | insert into customer values(NULL,'Samiul','0177255781',"Bashundhara B-block, House no. h-78 "); |
|  | insert into customer values(NULL,'Arif','0162404576',"Gulshan C-block, House no. 69 "); |
|  | insert into customer values(NULL,'Karun','0168234576',"Banani F-block, House no.47 "); |
|  | insert into customer values(NULL,'Pearu','0173012409',"Gulshan A-block, House no. 44 "); |
|  | insert into customer values(NULL,'Hamim','0164054576',"Mohakhali B-block, House no.78 "); |
|  | insert into customer values(NULL,'Gofranul','0175634576',"Banani A-block, House no. 87 "); |
|  | insert into customer values(NULL,'Borhan','0182407629',"Bashundhara F-block, House no.56 "); |
|  | insert into customer values(NULL,'Kunal','0172407629',"Uttara G-block, House no. 85 "); |
|  | insert into customer values(NULl ,'Hironmoy', '01782439627',"Badda Link Road, House no. 33 "); |
|  |  |
|  | insert into customer\_orders values(200,'2021-09-29',1024,1,105,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-02-25',1006,2,104,"aborted"); |
|  | insert into customer\_orders values(NULL,'2021-03-02',1002,1,107,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-04-23',1010,2,100,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-05-23',1017,3,104,"ordered"); |
|  | insert into customer\_orders values(NULL,'2021-05-22',1011,1,103,"ordered"); |
|  | insert into customer\_orders values(NULL,'2021-05-19',1011,2,101,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-05-14',1021,4,103,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-05-23',1017,1,102,"ordered"); |
|  | insert into customer\_orders values(NULL,'2021-05-21',1016,1,103,"ordered"); |
|  | insert into customer\_orders values(NULL,'2021-04-27',1011,1,101,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-05-14',1023,1,103,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-03-23',1017,1,102,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-05-22',1015,1,103,"ordered"); |
|  | insert into customer\_orders values(NULL,'2021-05-09',1013,2,101,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-05-04',1021,1,107,"delivered"); |
|  |  |
|  |  |
|  | insert into customer\_orders values(NULL,'2021-06-25',1023,1,109,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-06-02',1028,2,108,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-05-22',1011,2,110,"delivered"); |
|  |  |
|  | insert into customer\_orders values(NULL,'2021-05-23',1019,1,114,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-05-22',1013,1,108,"ordered"); |
|  | insert into customer\_orders values(NULL,'2021-05-29',1021,2,111,"delivered"); |
|  | insert into customer\_orders values(NULL,'2021-05-14',1021,1,103,"delivered"); |
|  | insert into customer\_orders values(NULL,'2022-05-23',1017,1,109,"ordered"); |
|  | insert into customer\_orders values(NULL,'2022-06-21',1026,2,102,"ordered"); |
|  | insert into customer\_orders values(NULL,'2022-05-27',1031,1,111,"delivered"); |
|  | insert into customer\_orders values(NULL,'2022-05-14',1021,2,113,"delivered"); |
|  | insert into customer\_orders values(NULL,'2022-03-23',1019,1,106,"delivered"); |
|  | insert into customer\_orders values(NULL,'2022-05-22',1018,1,108,"ordered"); |
|  | insert into customer\_orders values(NULL,'2022-05-19',1014,1,101,"delivered"); |
|  | insert into customer\_orders values(NULL,'2022-05-21',1019,1,107,"delivered"); |
|  |  |
|  | SELECT \* FROM customer\_orders; |
|  |  |
|  | CREATE TABLE Product\_inventory ( |
|  | Product\_id INTEGER PRIMARY KEY, |
|  | product\_count INTEGER, |
|  | FOREIGN KEY (Product\_id) |
|  | REFERENCES Product (product\_id) |
|  | ON DELETE CASCADE ON UPDATE CASCADE |
|  | ); |
|  |  |
|  | ALTER TABLE Product\_inventory |
|  | ADD constraint CHECK(product\_count>0) ; |
|  |  |
|  | insert into Product\_inventory values(1000, 25); |
|  | insert into Product\_inventory values(1001, 25); |
|  | insert into Product\_inventory values(1002, 25); |
|  | insert into Product\_inventory values(1003, 25); |
|  | insert into Product\_inventory values(1004, 25); |
|  | insert into Product\_inventory values(1005, 25); |
|  | insert into Product\_inventory values(1006, 25); |
|  | insert into Product\_inventory values(1007, 25); |
|  | insert into Product\_inventory values(1008, 25); |
|  | insert into Product\_inventory values(1009, 25); |
|  | insert into Product\_inventory values(1010, 25); |
|  | insert into Product\_inventory values(1011, 25); |
|  | insert into Product\_inventory values(1012, 25); |
|  | insert into Product\_inventory values(1013, 25); |
|  | insert into Product\_inventory values(1014, 25); |
|  | insert into Product\_inventory values(1015, 25); |
|  | insert into Product\_inventory values(1016, 25); |
|  | insert into Product\_inventory values(1017, 25); |
|  | insert into Product\_inventory values(1018, 25); |
|  | insert into Product\_inventory values(1019, 25); |
|  | insert into Product\_inventory values(1020, 25); |
|  | insert into Product\_inventory values(1021, 25); |
|  | insert into Product\_inventory values(1022, 25); |
|  | insert into Product\_inventory values(1023, 25); |
|  | insert into Product\_inventory values(1024, 25); |
|  | insert into Product\_inventory values(1025, 25); |
|  | insert into Product\_inventory values(1026, 25); |
|  | insert into Product\_inventory values(1027, 25); |
|  | insert into Product\_inventory values(1028, 25); |
|  | insert into Product\_inventory values(1029, 25); |
|  | insert into Product\_inventory values(1030, 25); |
|  | insert into Product\_inventory values(1031, 25); |
|  | insert into Product\_inventory values(1032, 25); |
|  | insert into Product\_inventory values(1033, 25); |
|  |  |
|  | insert into Product\_inventory values(1034, 25); |
|  | select \* from Product\_inventory; |