

## Assignment 7

Q1:

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

Online DDL

Algorithm: Default Lock Type: Default

```
1  USE `classicmodels` ;
2  DROP procedure IF EXISTS `increment_Number` ;
3  DELIMITER $$
4  USE `classicmodels` $$
5  CREATE DEFINER=`root`@`localhost` PROCEDURE `increment_Number`()
6  BEGIN
7      declare prodCode varchar(15);
8      declare prodLine varchar(50);
9      declare count1 int default 0;
10     declare count2 int default 0;
11     declare count3 int default 0;
12     declare count4 int default 0;
13     declare count5 int default 0;
14     declare count6 int default 0;
15     declare count7 int default 0;
16
17     declare finished integer default 0;
18     declare myCursor cursor for select productCode, productLine from products;
19     declare continue handler for NOT FOUND set finished = 1;
20
21     alter table products add increment_number numeric;
22
23     open myCursor;
24
25     procLoop: loop
26         fetch from myCursor into prodCode, prodLine;
27         if finished = 1 then
28             leave procLoop;
29         end if;
30         set sql_safe_updates = 0;
31
32         if prodLine = 'Classic Cars' then
33             set count1 = count1 + 1;
34             update products set increment_number = count1
35             where productCode = prodCode;
36         end if;
37         if prodLine = 'Motorcycles' then
38             set count2 = count2 + 1;
39             update products set increment_number = count2
40             where productCode = prodCode;
41         end if;
42         if prodLine = 'Planes' then
43             set count3 = count3 + 1;
44             update products set increment_number = count3
45             where productCode = prodCode;
46         end if;
47         if prodLine = 'Ships' then
48             set count4 = count4 + 1;
49             update products set increment_number = count4
50             where productCode = prodCode;
51         end if;
52         if prodLine = 'Trains' then
53             set count5 = count5 + 1;
54             update products set increment_number = count5
55             where productCode = prodCode;
56         end if;
57         if prodLine = 'Trucks and Buses' then
58             set count6 = count6 + 1;
59             update products set increment_number = count6
60             where productCode = prodCode;
```

```

61      end if;
62      if prodLine = 'Vintage Cars' then
63          set count7 = count7 + 1;
64          update products set increment_number = count7
65              where productCode = prodCode;
66      end if;
67      set sql_safe_updates = 1;
68
69  end loop procLoop;
70
71  select productCode, productName, productLine, increment_number from products order by pro
72  END$$
73
74  DELIMITER ;
75  ;
76
77

```

Back
Apply
Cancel

Limit to 1000 rows

1 • `call increment_Number();`

Result Grid
Filter Rows:
Export:
Wrap Cell Contents:

productCode	productName	productLine	increment_number
S10_1949	1952 Alpine Renault 1300	Classic Cars	1
S10_4757	1972 Alfa Romeo GTA	Classic Cars	2
S10_4962	1962 Lancia Delta 16V	Classic Cars	3
S12_1099	1968 Ford Mustang	Classic Cars	4
S12_1108	2001 Ferrari Enzo	Classic Cars	5
S12_3148	1969 Corvair Monza	Classic Cars	6
S12_3380	1968 Dodge Charger	Classic Cars	7
S12_3891	1969 Ford Falcon	Classic Cars	8
S12_3990	1970 Plymouth Hemi Cuda	Classic Cars	9
S12_4675	1969 Dodge Charger	Classic Cars	10
S18_1129	1993 Mazda RX-7	Classic Cars	11
S18_1589	1965 Aston Martin DB5	Classic Cars	12
S18_1889	1948 Porsche 356-A Roa...	Classic Cars	13
S18_1984	1995 Honda Civic	Classic Cars	14
S18_2238	1998 Chrysler Plymouth ...	Classic Cars	15
S18_2870	1999 Indy 500 Monte Ca...	Classic Cars	16
S18_3232	1992 Ferrari 360 Spider red	Classic Cars	17
S18_3233	1985 Toyota Supra	Classic Cars	18
S18_3278	1969 Dodge Super Bee	Classic Cars	19
S18_3482	1976 Ford Gran Torino	Classic Cars	20
S18_3685	1948 Porsche Type 356 ...	Classic Cars	21
S18_4027	1970 Triumph Spitfire	Classic Cars	22
S18_4721	1957 Corvette Convertible	Classic Cars	23
S18_4933	1957 Ford Thunderbird	Classic Cars	24
S24_1046	1970 Chevy Chevelle SS ...	Classic Cars	25
S24_1444	1970 Dodge Coronet	Classic Cars	26
S24_1628	1966 Shelby Cobra 427 S/C	Classic Cars	27
S24_2766	1949 Jaguar XK 120	Classic Cars	28
S24_2840	1958 Chevy Corvette Lim...	Classic Cars	29
S24_2887	1952 Citroen-15CV	Classic Cars	30
S24_2972	1982 Lamborghini Diablo	Classic Cars	31
S24_3191	1969 Chevrolet Camaro ...	Classic Cars	32
S24_3371	1971 Alpine Renault 1600s	Classic Cars	33

S24_3432	2002 Chevy Corvette	Classic Cars	34
S24_3856	1956 Porsche 356A Coupe	Classic Cars	35
S24_4048	1992 Porsche Cayenne T...	Classic Cars	36
S24_4620	1961 Chevrolet Impala	Classic Cars	37
S700_2824	1982 Camaro Z28	Classic Cars	38
S10_1678	1969 Harley Davidson Ult...	Motorcycles	1
S10_2016	1996 Moto Guzzi 1100i	Motorcycles	2
S10_4698	2003 Harley-Davidson Ea...	Motorcycles	3
S12_2823	2002 Suzuki XREO	Motorcycles	4
S18_2625	1936 Harley Davidson El ...	Motorcycles	5
S18_3782	1957 Vespa GS150	Motorcycles	6
S24_1578	1997 BMW R. 1100 S	Motorcycles	7
S24_2000	1960 BSA Gold Star DBD34	Motorcycles	8
S24_2360	1982 Ducati 900 Monster	Motorcycles	9
S32_1374	1997 BMW F650 ST	Motorcycles	10
S32_2206	1982 Ducati 996 R	Motorcycles	11
S32_4485	1974 Ducati 350 Mk3 Des...	Motorcycles	12
S50_4713	2002 Yamaha YZR.M1	Motorcycles	13
S18_1662	1980s Black Hawk Helcop...	Planes	1
S18_2581	P-51-D Mustang	Planes	2
S24_1785	1928 British Royal Navy ...	Planes	3
S24_2841	1900s Vintage Bi-Plane	Planes	4
S24_3949	Corsair F4U ( Bird Cage)	Planes	5
S24_4278	1900s Vintage Tri-Plane	Planes	6
S700_1691	American Airlines: B767-300	Planes	7
S700_2466	America West Airlines B7...	Planes	8
S700_2834	ATA: B757-300	Planes	9
S700_3167	F/A 18 Hornet 1/72	Planes	10
S700_4002	American Airlines: MD-11S	Planes	11
S72_1253	Boeing X-32A JSF	Planes	12
S18_3029	1999 Yamaha Speed Boat	Ships	1
S24_2011	18th century schooner	Ships	2
S700_1138	The Schooner Bluenose	Ships	3

Reset Grid

Form Editor

Field Types

Query Stats

Execution Plan

S700_1938	The Mayflower	Ships	4
S700_2047	HMS Bounty	Ships	5
S700_2610	The USS Constitution Ship	Ships	6
S700_3505	The Titanic	Ships	7
S700_3962	The Queen Mary	Ships	8
S72_3212	Pont Yacht	Ships	9
S18_3259	Collectable Wooden Train	Trains	1
S32_3207	1950's Chicago Surface L...	Trains	2
S50_1514	1962 City of Detroit Stre...	Trains	3
S12_1666	1958 Setra Bus	Trucks and...	1
S12_4473	1957 Chevy Pickup	Trucks and...	2
S18_1097	1940 Ford Pickup Truck	Trucks and...	3
S18_2319	1964 Mercedes Tour Bus	Trucks and...	4
S18_2432	1926 Ford Fire Engine	Trucks and...	5
S18_4600	1940s Ford truck	Trucks and...	6
S24_2300	1962 Volkswagen Microbus	Trucks and...	7
S32_1268	1980's GM Manhattan Ex...	Trucks and...	8
S32_2509	1954 Greyhound Scenicr...	Trucks and...	9
S32_3522	1996 Peterbilt 379 Stake ...	Trucks and...	10
S50_1392	Diamond T620 Semi-Skirt...	Trucks and...	11
S18_1342	1937 Lincoln Berline	Vintage Cars	1
S18_1367	1936 Mercedes-Benz 500...	Vintage Cars	2
S18_1749	1917 Grand Touring Sedan	Vintage Cars	3
S18_2248	1911 Ford Town Car	Vintage Cars	4
S18_2325	1932 Model A Ford J-Coupe	Vintage Cars	5
S18_2795	1928 Mercedes-Benz SSK	Vintage Cars	6
S18_2949	1913 Ford Model T Speed...	Vintage Cars	7
S18_2957	1934 Ford V8 Coupe	Vintage Cars	8
S18_3136	18th Century Vintage Ho...	Vintage Cars	9
S18_3140	1903 Ford Model A	Vintage Cars	10
S18_3320	1917 Maxwell Touring Car	Vintage Cars	11
S18_3856	1941 Chevrolet Special D...	Vintage Cars	12
S18_4409	1932 Alfa Romeo 8C2300...	Vintage Cars	13

Reset Grid

Form Editor

Field Types

Query Stats

Execution Plan

S18_4522	1904 Buick Runabout	Vintage Cars	14
S18_4668	1939 Cadillac Limousine	Vintage Cars	15
S24_1937	1939 Chevrolet Deluxe C...	Vintage Cars	16
S24_2022	1938 Cadillac V-16 Presid...	Vintage Cars	17
S24_3151	1912 Ford Model T Delive...	Vintage Cars	18
S24_3420	1937 Horch 930V Limousine	Vintage Cars	19
S24_3816	1940 Ford Delivery Sedan	Vintage Cars	20
S24_3969	1936 Mercedes Benz 500...	Vintage Cars	21
S24_4258	1936 Chrysler Airflow	Vintage Cars	22
S32_4289	1928 Ford Phaeton Deluxe	Vintage Cars	23
S50_1341	1930 Buick Marquette Ph...	Vintage Cars	24

Reset Grid