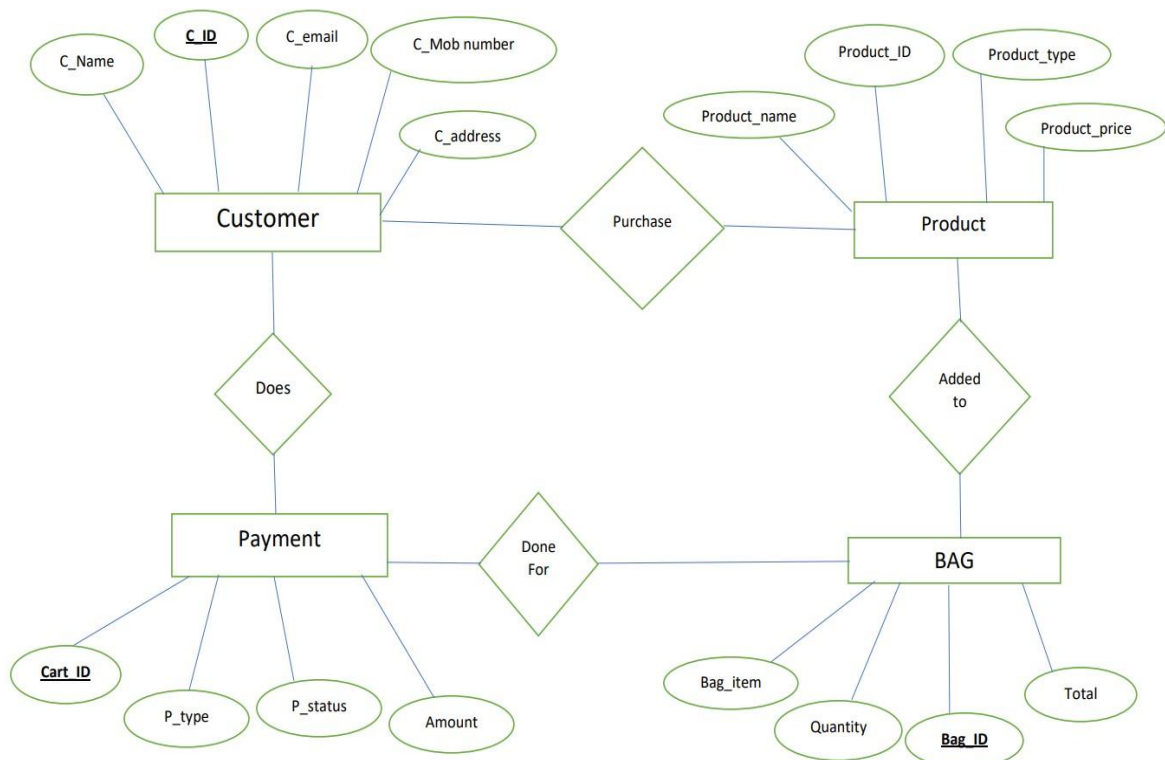Name:-Pranay Kulkarni
Roll No:-C047

DBMS CODING ASSIGNMENT

About the Company

Amazon.com, online retailer, manufacturer of electronic book readers, and Web services provider that became the iconic example of electronic commerce. Its headquarters are in Seattle, Washington. Amazon.com is a vast Internet-based enterprise that sells books, music, movies, housewares, electronics, toys, and many other goods, either directly or as the middleman between other retailers and Amazon.com's millions of customers. Its Web services business includes renting data storage and computing resources, so-called "cloud computing," over the Internet. Its considerable online presence is such that, in 2012, 1 percent of all Internet traffic in North America travelled in and out of Amazon.com data centres. The company also makes the market-leading Kindle e-book readers. Its promotion of these devices has led to dramatic growth in e-book publishing and turned Amazon.com into a major disruptive force in the book-publishing market.

ER DIAGRAM

STEP 2:-CREATING TABLES

Statement **2**

🗑 | Edit |

```
CREATE TABLE BAG(
    Bag_id NUMBER (10) Primary key,
    Bag_item VARCHAR (30),
    Quantity NUMBER (10),
    Total_cost NUMBER (10)
)
```

Table created.

Statement **3**

🗑 Edit

```
INSERT INTO BAG VALUES (1,'Headphones','3','3000')
```

1 row(s) inserted.

Statement **4**

🗑 Edit

```
INSERT INTO BAG VALUES (2,'Soaps','4','320')
```

1 row(s) inserted.

Statement **12**

🗑 Edit

```
INSERT INTO BAG VALUES (3,'TV','1','100000')
```

1 row(s) inserted.

Statement **7**

🗑 Edit

```
INSERT INTO BAG VALUES (4,'Jeans','3','1500')
```

1 row(s) inserted.

Statement **14**

🗑 Edit

```
SELECT * FROM BAG
order by (Bag_id)
```

BAG_ID	BAG_ITEM	QUANTITY	TOTAL_COST
1	Headphones	3	3000
2	Soaps	4	320
3	TV	1	100000
4	Jeans	3	1500

Download CSV

4 rows selected.

Statement 15

🗑 Edit

```
CREATE TABLE CUSTOMER (
    C_ID NUMBER (10) Primary key,
    C_NAME VARCHAR (30),
    C_EMAIL VARCHAR (30),
    C_MobileNumber Number (20),
    C_ADDRESS VARCHAR (30)
)
```

Table created.

Statement 16

🗑 Edit

```
INSERT INTO CUSTOMER VALUES (1,'PRANAY','pranay.kulkarni09@nmims.edu.in','9492303245','NOFRA')
```

1 row(s) inserted.

Statement 17

🗑 Edit

```
INSERT INTO CUSTOMER VALUES (2,'PRANEYA','praneya.lalwani50@nmims.edu.in','9757673421','SV ROAD')
```

1 row(s) inserted.

Statement 18

🗑 Edit

```
INSERT INTO CUSTOMER VALUES (3,'ADITYA','aditya.nag57@nmims.edu.in','8346842234','Colaba')
```

1 row(s) inserted.

Statement 20

🗑 Edit

```
INSERT INTO CUSTOMER VALUES (4,'Yash','yash.patodkar65@nmims.edu.in','7054678943','Cuffe Parade')
```

1 row(s) inserted.

Statement 21

🗑 Edit

```
SELECT * FROM CUSTOMER
order by (C_ID)
```

C_ID	C_NAME	C_EMAIL	C_MOBILENUMBER	C_ADDRESS
1	PRANAY	pranay.kulkarni09@nmims.edu.in	9492303245	NOFRA
2	PRANEYA	praneya.lalwani50@nmims.edu.in	9757673421	SV ROAD
3	ADITYA	aditya.nag57@nmims.edu.in	8346842234	Colaba
4	Yash	yash.patodkar65@nmims.edu.in	7054678943	Cuffe Parade

Download CSV

4 rows selected.

Statement 39

🗑 Edit

```
Create table Payment1(
Bag_id number(5) Primary key,
P_type Varchar(20),
P_Amount number (10),
P_status Varchar(20)
)
```

Table created.

Statement **41**

🗑 Edit

```
insert into Payment1 values (1, 'CPaytm' ,3000,'successful')
```

1 row(s) inserted.

Statement **42**

🗑 Edit

```
insert into Payment1 values (2, 'Amazon Pay' ,320,'successful')
```

1 row(s) inserted.

Statement **44**

🗑 Edit

```
insert into Payment1 values (3, 'Credit Card' ,100000,'not successful')
```

1 row(s) inserted.

Statement **47**

🗑 Edit

```
insert into Payment1 values (4, 'BHIM' ,1500,'successful')
```

1 row(s) inserted.

Statement **50**

🗑 Edit

```
SELECT * FROM Payment1
order by (Bag_id)
```

BAG_ID	P_TYPE	P_AMOUNT	P_STATUS
1	CPaytm	3000	successful
2	Amazon Pay	320	successful
3	Credit Card	100000	not successful
4	BHIM	1500	successful

Download CSV

4 rows selected.

Statement **52**

🗑 [Edit]

```sql
Create table Product1(
Product_id number(5) Primary key,
Product_Type VARCHAR(20),
Product_name VARCHAR (20),
Product_Price number(10)
)
```

Table created.

Statement **53**

🗑 [Edit]

```sql
insert into Product1 values (18, 'Headphones', 'BOAT Headphones', 3000)
```

1 row(s) inserted.

Statement **54**

🗑 [Edit]

```sql
insert into Product1 values (28, 'Soaps', 'Cinthol Soaps','320' )
```

1 row(s) inserted.

Statement **55**

🗑 [Edit]

```sql
insert into Product1 values (48, 'TV', 'Sony TV','100000')
```

1 row(s) inserted.

Statement **57**

🗑 [Edit]

```sql
insert into Product1 values (58, 'Jeans', 'LEE JEANS', 1500)
```

1 row(s) inserted.

Statement **58**

🗑 [Edit]

```sql
SELECT * FROM Product1
order by (Product_id)
```

PRODUCT_ID	PRODUCT_TYPE	PRODUCT_NAME	PRODUCT_PRICE
18	Headphones	BOAT Headphones	3000
28	Soaps	Cinthol Soaps	320
48	TV	Sony TV	100000
58	Jeans	LEE JEANS	1500

Download CSV

4 rows selected.

STEP 3:-Output for following Queries

Name:-Pranay Kulkarni
Roll No:-C047

Implement primary keys, foreign keys, and Unique constraints. (initially put the constraint and later remove it)

Statement **59**

🗑 Edit

```
Alter table CUSTOMER drop Primary key
```

Table altered.

Statement **60**

🗑 Edit

```
Alter table CUSTOMER Add Primary key(C_ID)
```

Table altered.

Statement **61**

🗑 Edit

```
Alter table BAG Add foreign key(bag_id) references Payment (bag_id)
```

ORA-00904: "BAG_ID": invalid identifier

Statement **62**

🗑 Edit

```
Alter table BAG Add foreign key(bag_id) references Payment1 (bag_id)
```

Table altered.

Statement **63**

🗑 Edit

```
Alter table CUSTOMER add unique (C_MobileNumber)
```

Table altered.

Statement **64**

🗑 Edit

```
Alter table CUSTOMER drop unique (C_MobileNumber)
```

Table altered.

Implement 2 queries on where and/or clause.

Statement **65**

🗑 Edit

```
select * from CUSTOMER where C_ID = '1' and C_ADDRESS = 'NOFRA'
```

C_ID	C_NAME	C_EMAIL	C_MOBILENUMBER	C_ADDRESS
1	PRANAY	pranay.kulkarni09@nmims.edu.in	9492303245	NOFRA

Download CSV

Statement **66**

🗑 Edit

```
select * from CUSTOMER where C_ID = '4' or C_ADDRESS = 'Cuffe Parade'
```

C_ID	C_NAME	C_EMAIL	C_MOBILENUMBER	C_ADDRESS
4	Yash	yash.patodkar65@nmims.edu.in	7054678943	Cuffe Parade

Download CSV

Implement 2 queries on like constraint.

Statement **67**

🗑 [Edit]

```
select * from Payment1 where P_type like 'C%'
```

BAG_ID	P_TYPE	P_AMOUNT	P_STATUS
1	CPaytm	3000	successful
3	Credit Card	100000	not successful

Download CSV

2 rows selected.

Statement **68**

🗑 [Edit]

```
select * from CUSTOMER where C_NAME like 'A%'
```

C_ID	C_NAME	C_EMAIL	C_MOBILENUMBER	C_ADDRESS
3	ADITYA	aditya.nag57@nmims.edu.in	8346842234	Colaba

Download CSV

Implement 2 queries on aggregate functions.

:ement **69**

🗑 [Edit]

```
select avg (P_Amount) from Payment1
```

AVG(P_AMOUNT)
26205

Download CSV

:ement **70**

🗑 [Edit]

```
select sum (P_Amount) from Payment1
```

SUM(P_AMOUNT)
104820

Download CSV