19BIT0292
Bhaumik Tandan

DIGITAL ASSIGNMENT-1

CLOUD COMPUTING

ITE3007

F1+TF1

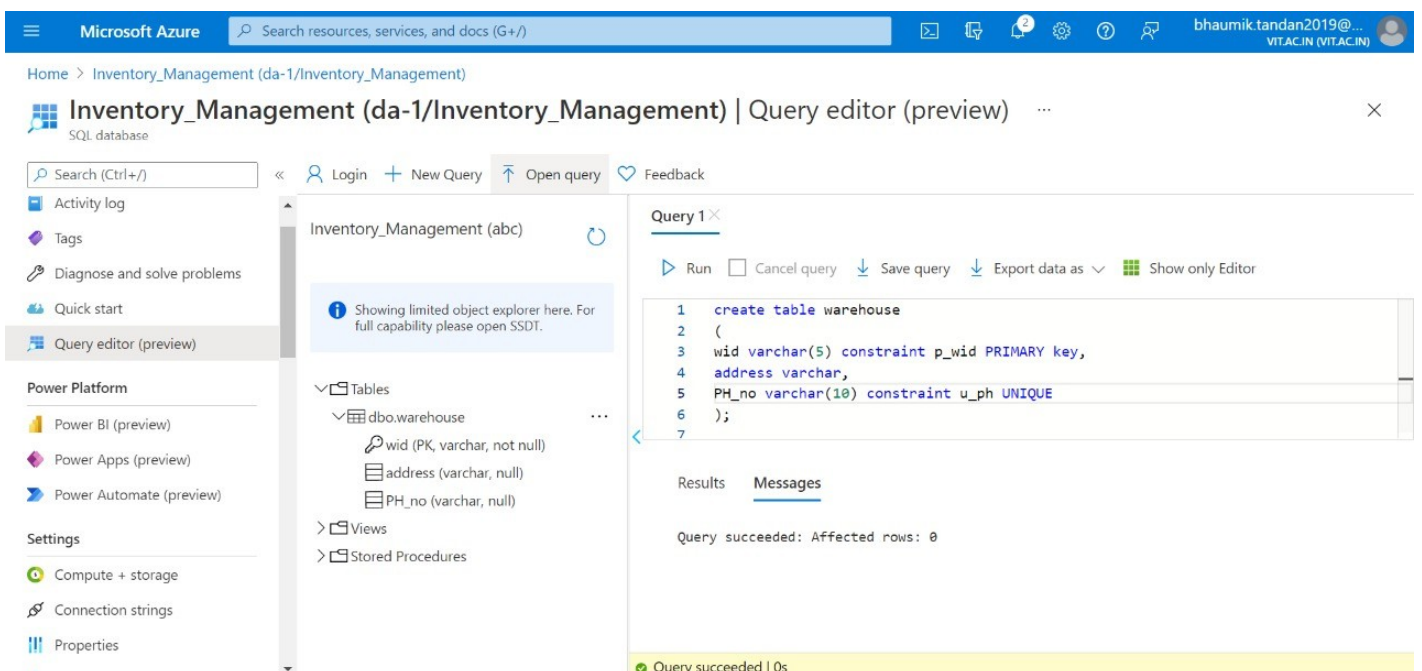## PHP APPLICATION
USING AZURE SERVER SQL

TABLE CREATION

WAREHOUSE

CODE

create table warehouse
(
wid varchar(5) constraint p_wid PRIMARY key,
address varchar,
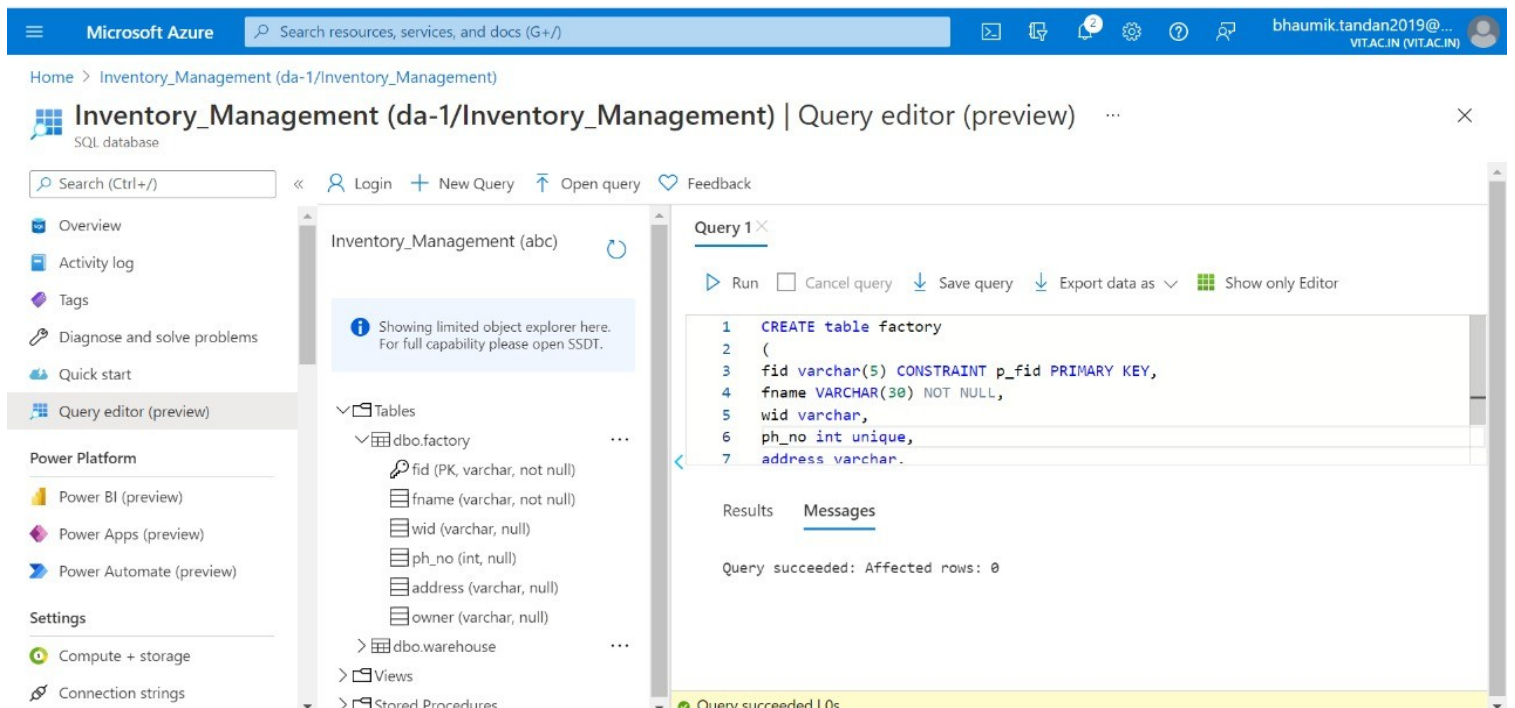PH_no varchar(10) constraint u_ph UNIQUE
);

SCREENSHOT

FACTORY

CODE

CREATE table factory
(
fid varchar(5) CONSTRAINT p_fid PRIMARY KEY,
fname VARCHAR(30) NOT NULL,
wid varchar,
ph_no int unique,
address varchar,
owner varchar
);

SCREENSHOT

CATEGORY

CODE

```
CREATE table category
(
cname varchar(20) constraint nn_cn NOT NULL,
cid varchar(5) constraint p_cid PRIMARY KEY,
des_ varchar(50)
);
```

SCREENSHOT

RAW MATERIAL

CODE

```
CREATE table raw_material
(
rname varchar(20) constraint u_n primary key,
price int,
suplier varchar,
cid varchar NOT NULL
);
```

SCREENSHOT

BELONGS

CODE

create table belongs
(
rname varchar,
fid varchar
);

SCREENSHOT

BRAND

CODE

```
create table brand
(
bid varchar(5) CONSTRAINT p_bid PRIMARY
KEY,
bname varchar(20) constraint nn_n NOT NULL,
Mob_no varchar(10) constraint uB_pn UNIQUE
);
```

SCREENSHOT
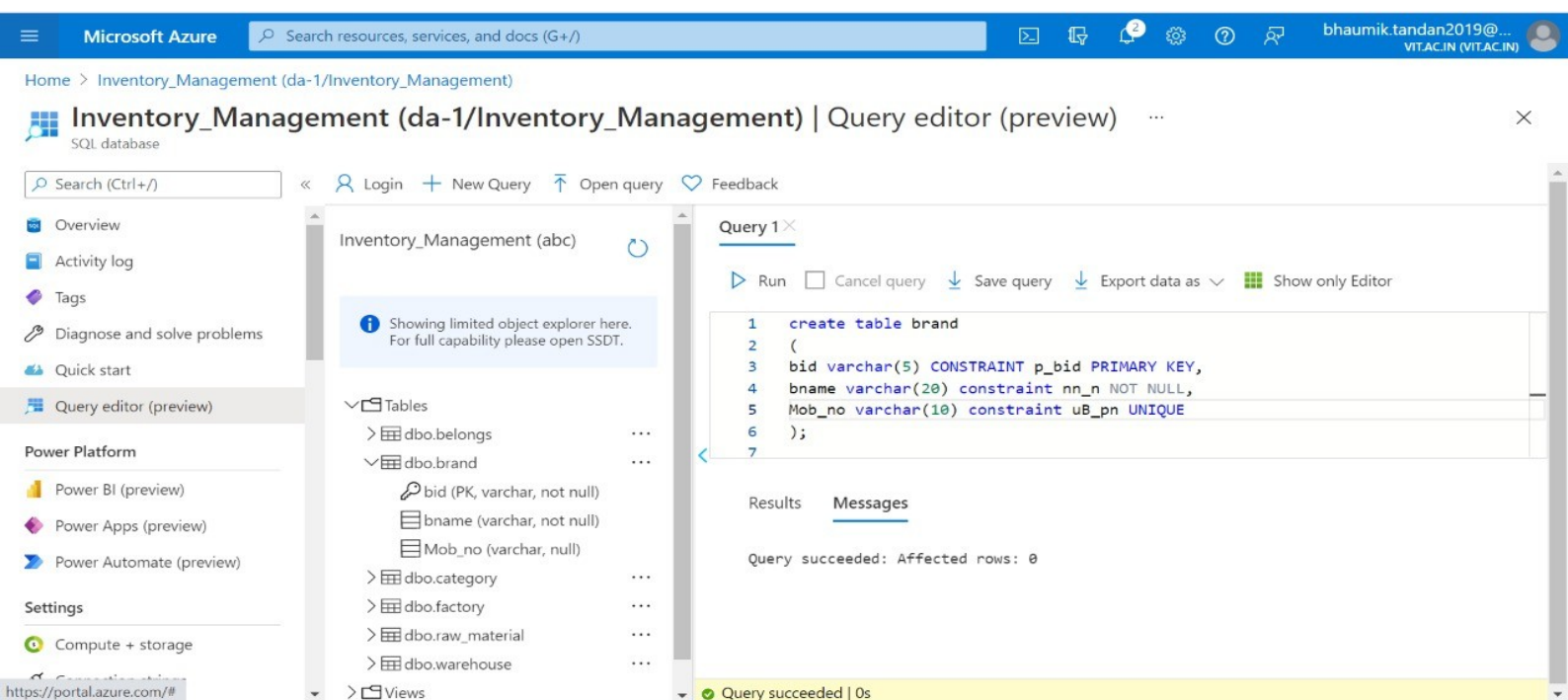
PRODUCT

CODE

```
create table product
(
pid varchar(5)  PRIMARY KEY,
price int NOT NULL,
pname int  NOT NULL,
release_d date,
waranty int,
fid  varchar not null,
cid varchar not null,
bid varchar not null
);
```
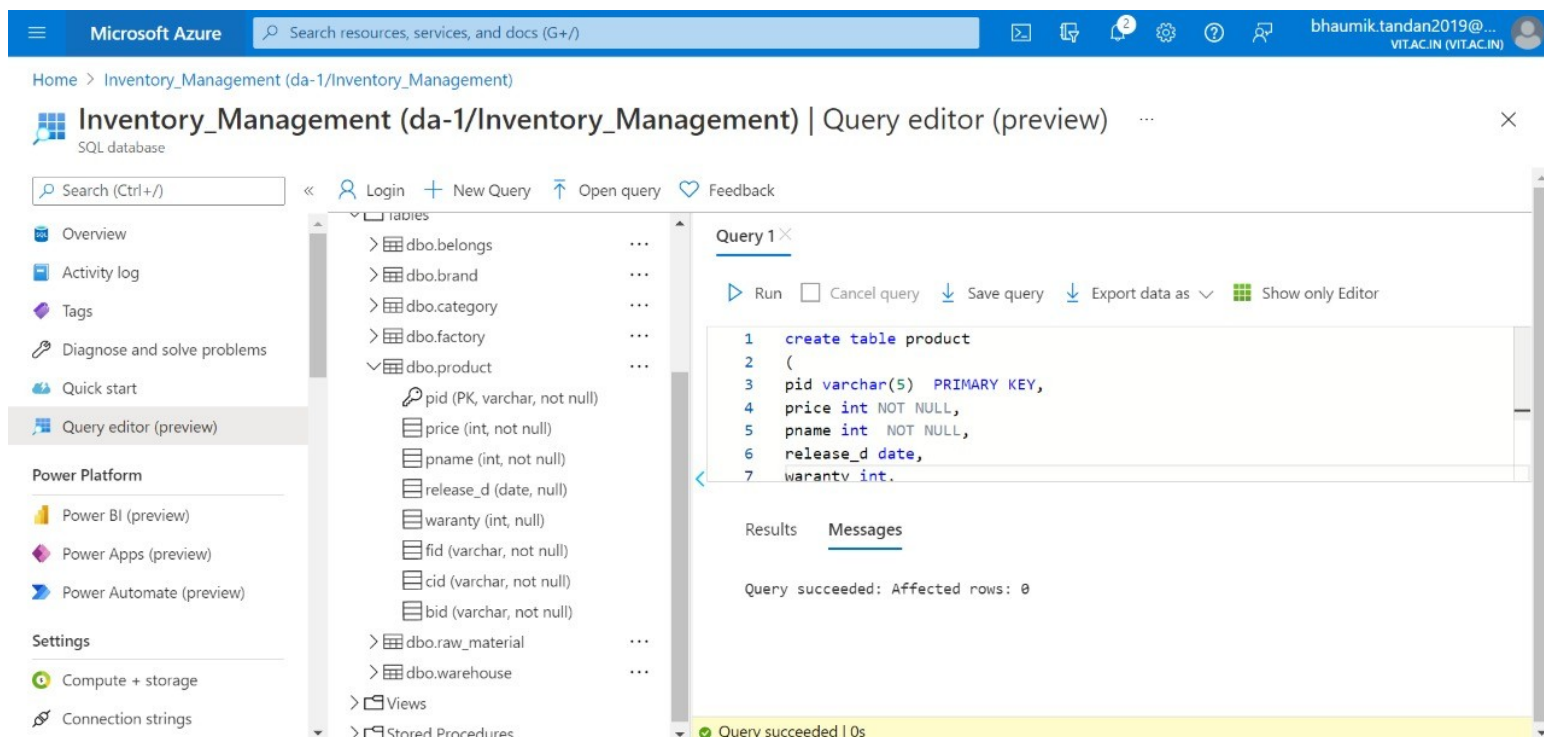
SCREENSHOT

STORE

CODE

```sql
create table store
(
s_id varchar(5) PRIMARY KEY,
sname VARCHAR(15) not null,
Ph_no varchar(10) UNIQUE,
address varchar
);
```

SCREENSHOT
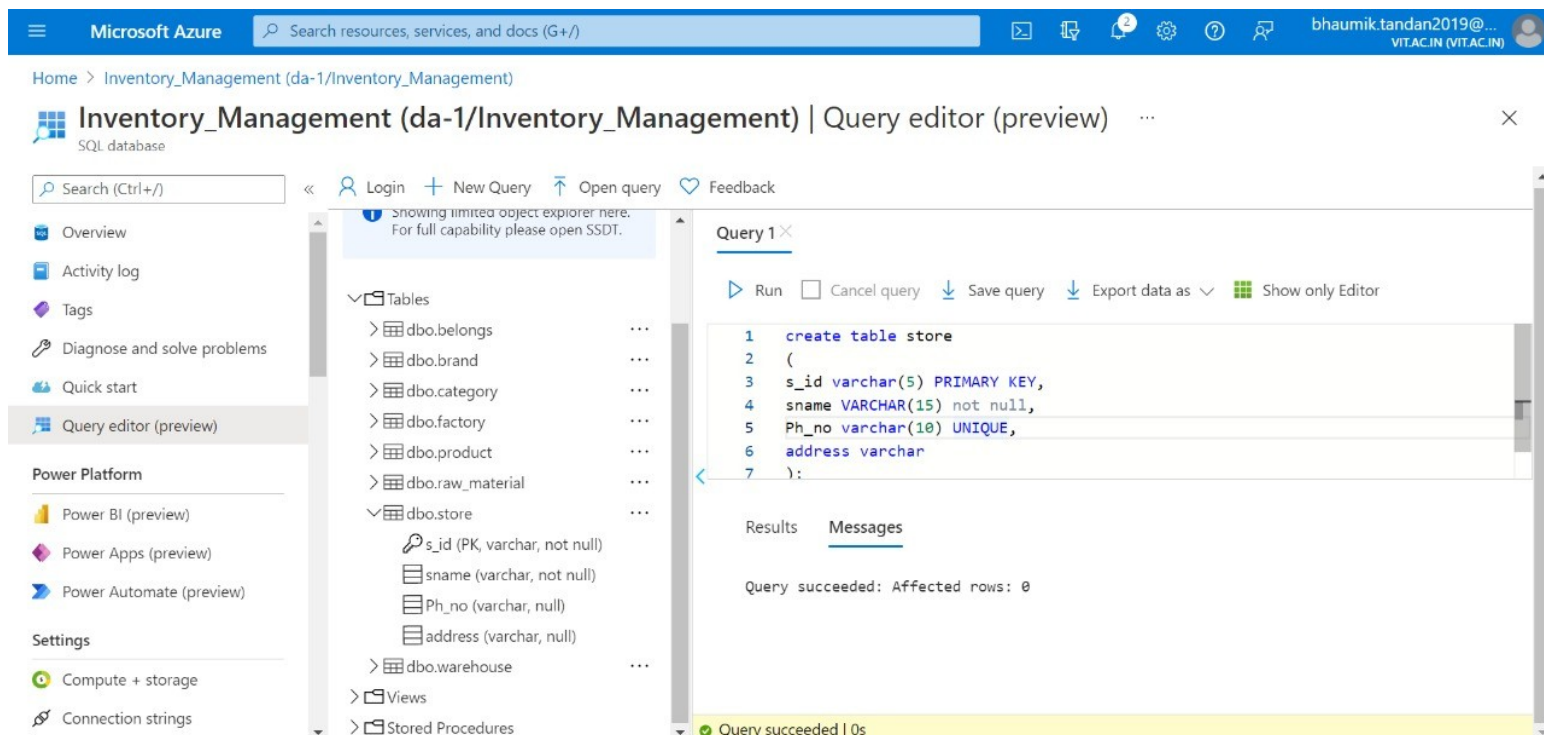
CONTAIN

CODE

CREATE table CONTAIN
(
pid varchar NOT null,
s_id varchar NOT null,
date_added date
);

SCREENSHOT
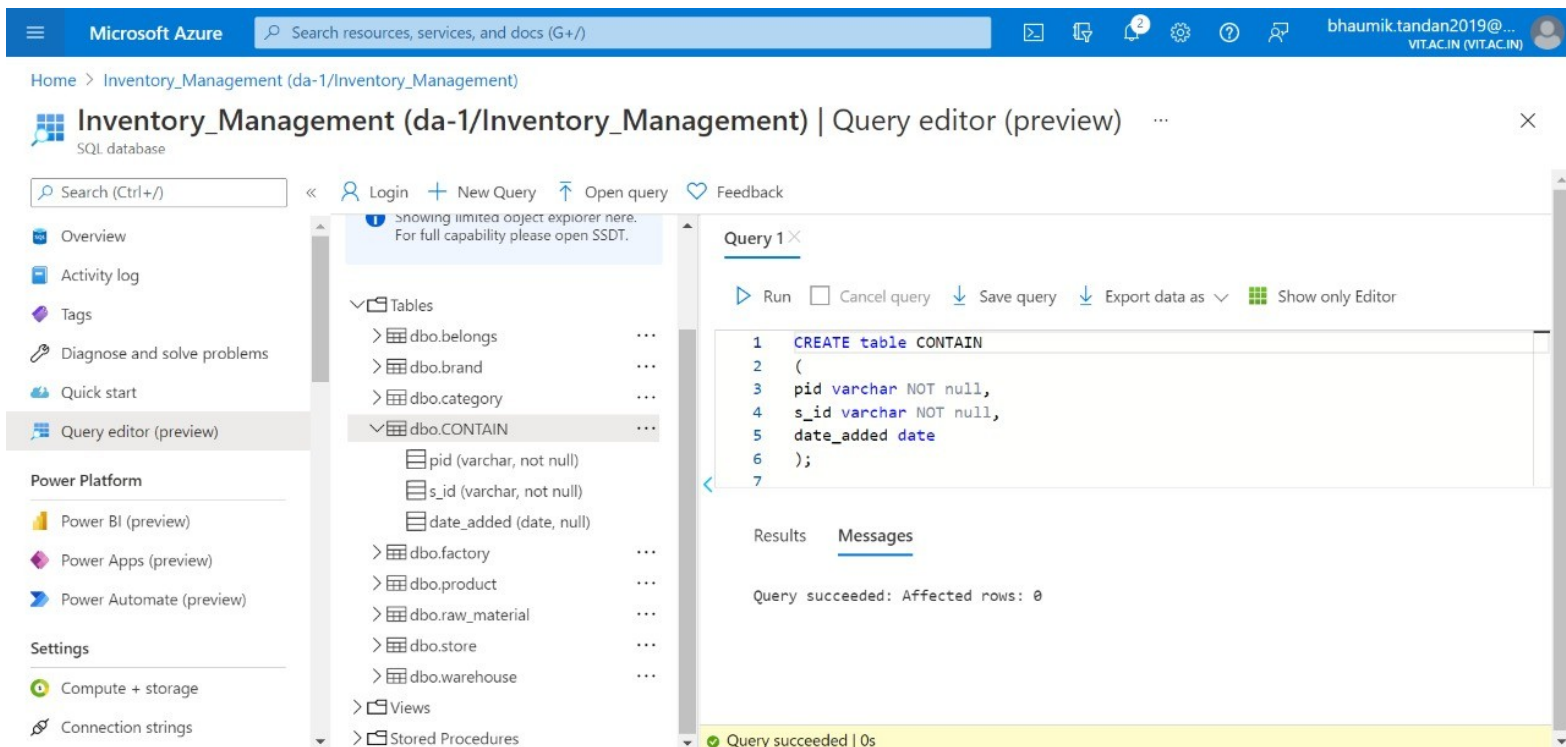
EMPLOYEE

CODE

CREATE table employee
(
eid varchar(5) PRIMARY KEY,
salary int,
email_id varchar(30),
ename varchar(20) constraint nnE_n NOT NULL,
s_id varchar NOT NULL,
cid varchar
);

SCREENSHOT
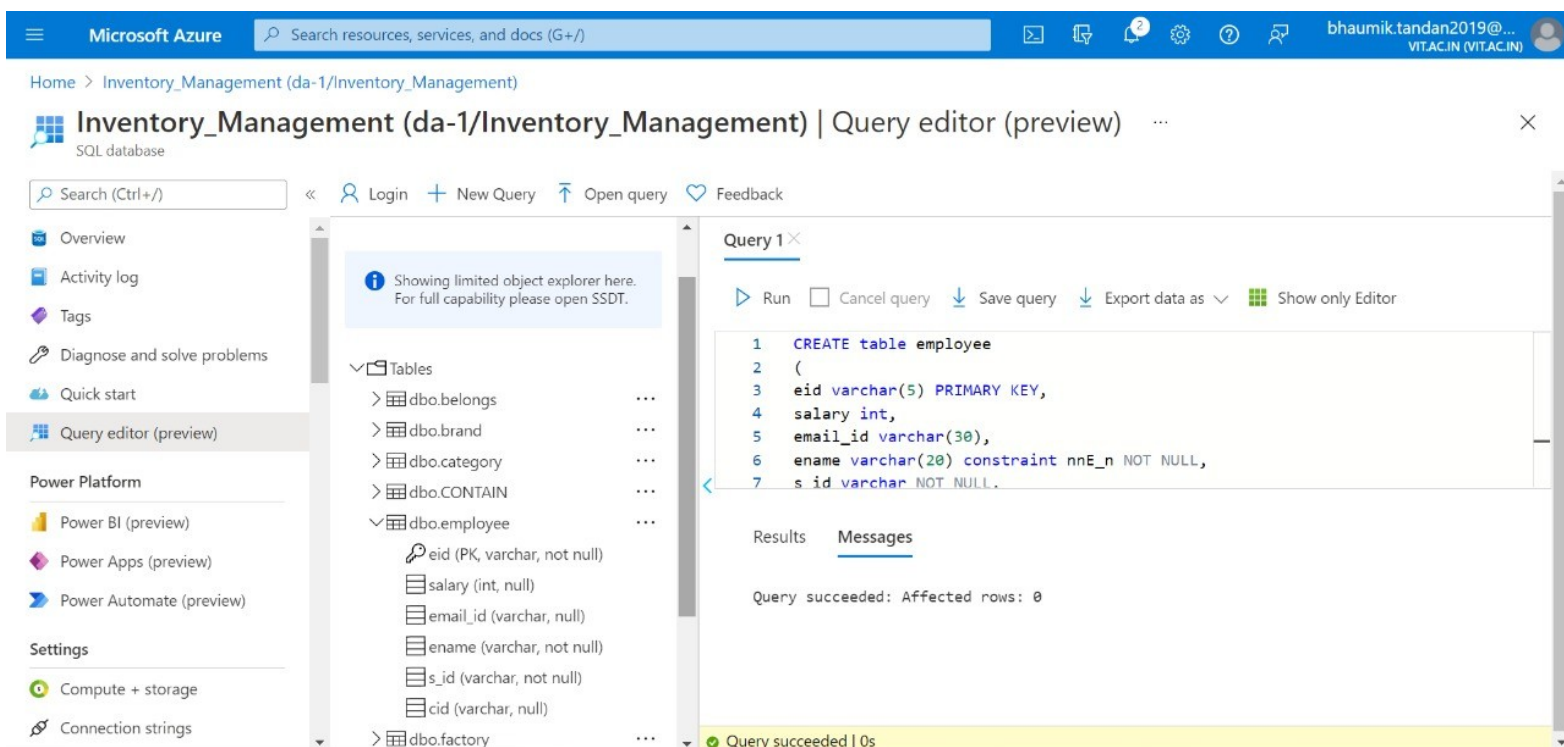
CUSTOMER

CODE

```
CREATE table customer
(
cid varchar(5) constraint pC_id PRIMARY KEY,
email_id varchar(30),
Mob_n varchar(10) constraint uC_pn UNIQUE,
c_name varchar(20) constraint nnC_n NOT NULL,
s_id varchar NOT NULL
);
```

SCREENSHOT
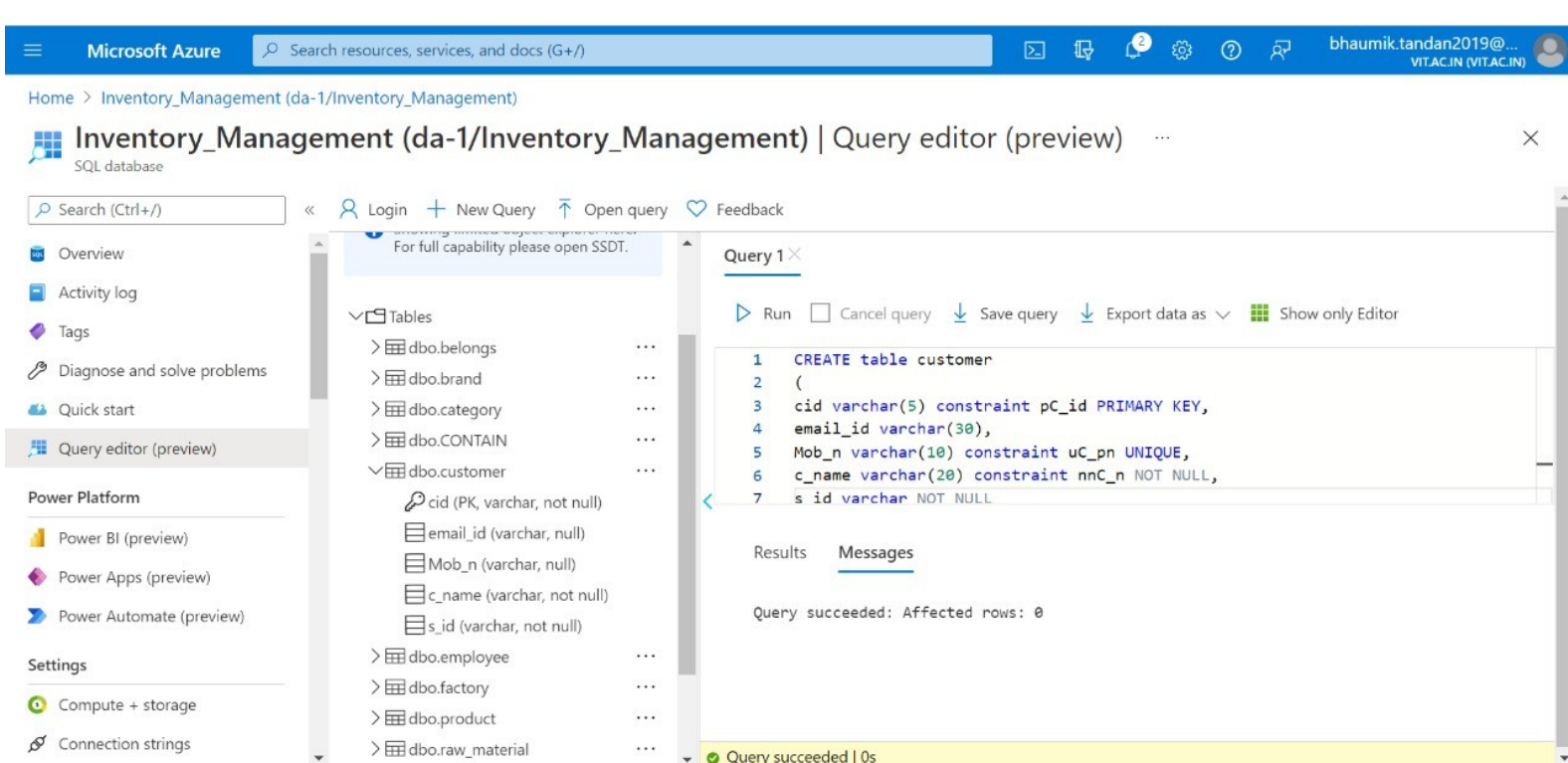
DATA INSERTION

WAREHOUSE

CODE

INSERT INTO WAREHOUSE VALUES('24345','A',9800425380);
INSERT INTO WAREHOUSE VALUES('54345','B',8800525380);
INSERT INTO WAREHOUSE VALUES('84645','C',9900543380);
INSERT INTO WAREHOUSE VALUES('54645','D',7890543380);
INSERT INTO WAREHOUSE VALUES('54455','E',6590543380);

SCREENSHOT
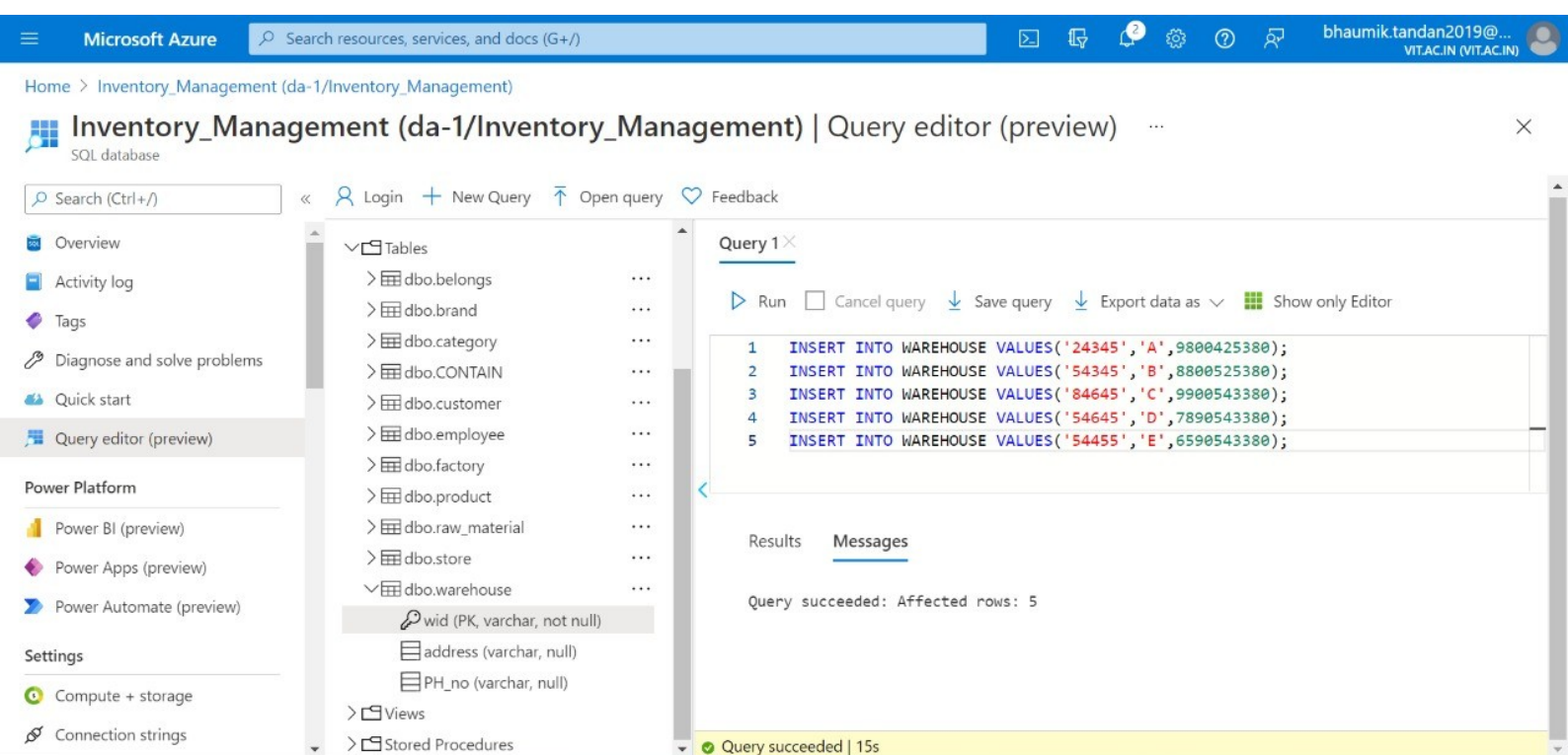
FACTORY

CODE

ALTER TABLE factory ALTER COLUMN wid VARCHAR (5);
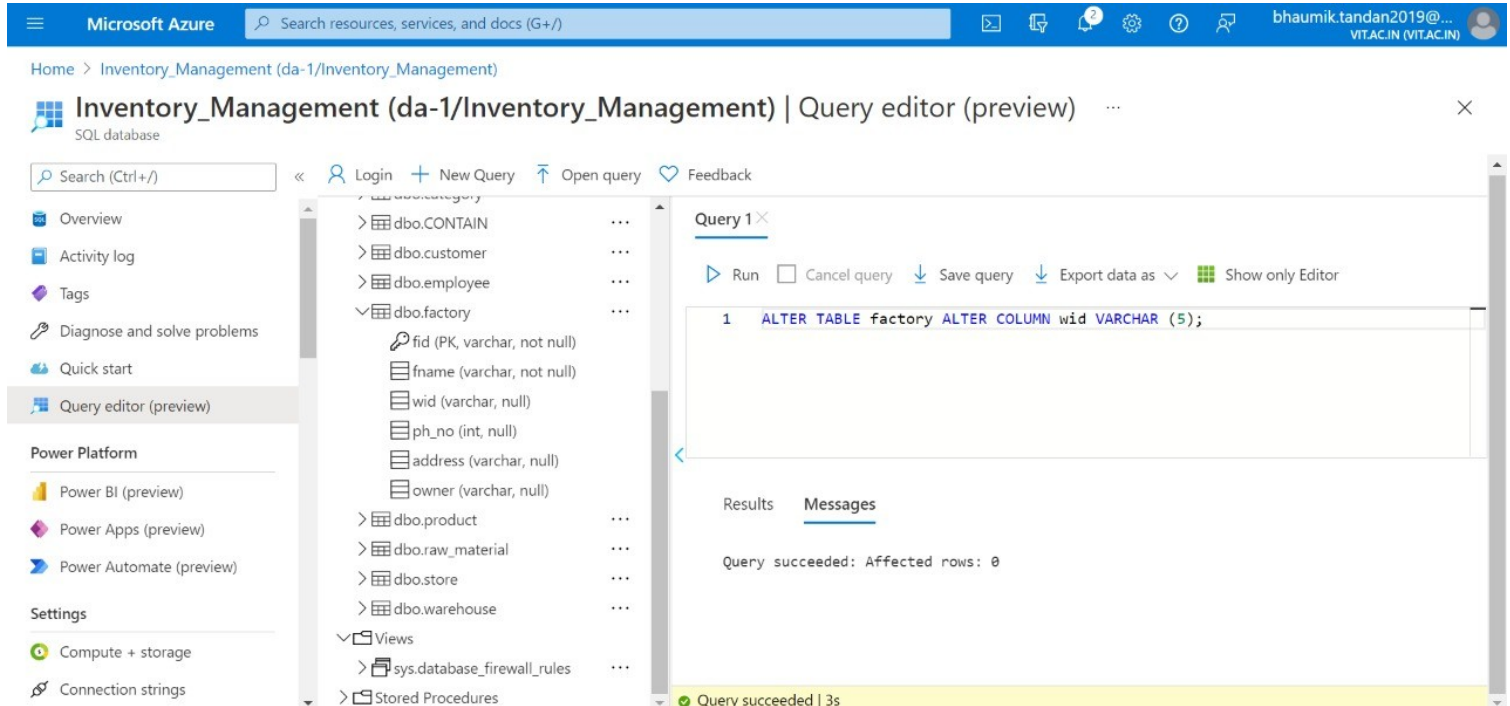
INSERT INTO FACTORY VALUES('45645','CITY FACTORY','54345',9087,'A','A');
INSERT INTO FACTORY VALUES('45685','TOWN FACTORY','84645',8084,'B','B');
INSERT INTO FACTORY VALUES('55645','CHARITY HOUSE','24345',7087,'C','C');
INSERT INTO FACTORY VALUES('95645','DAL FACTORY','84645',9083,'D','D');
INSERT INTO FACTORY VALUES('85645','CHOCLATE FACTORY','24345',7080,'E','E');

SCREENSHOT
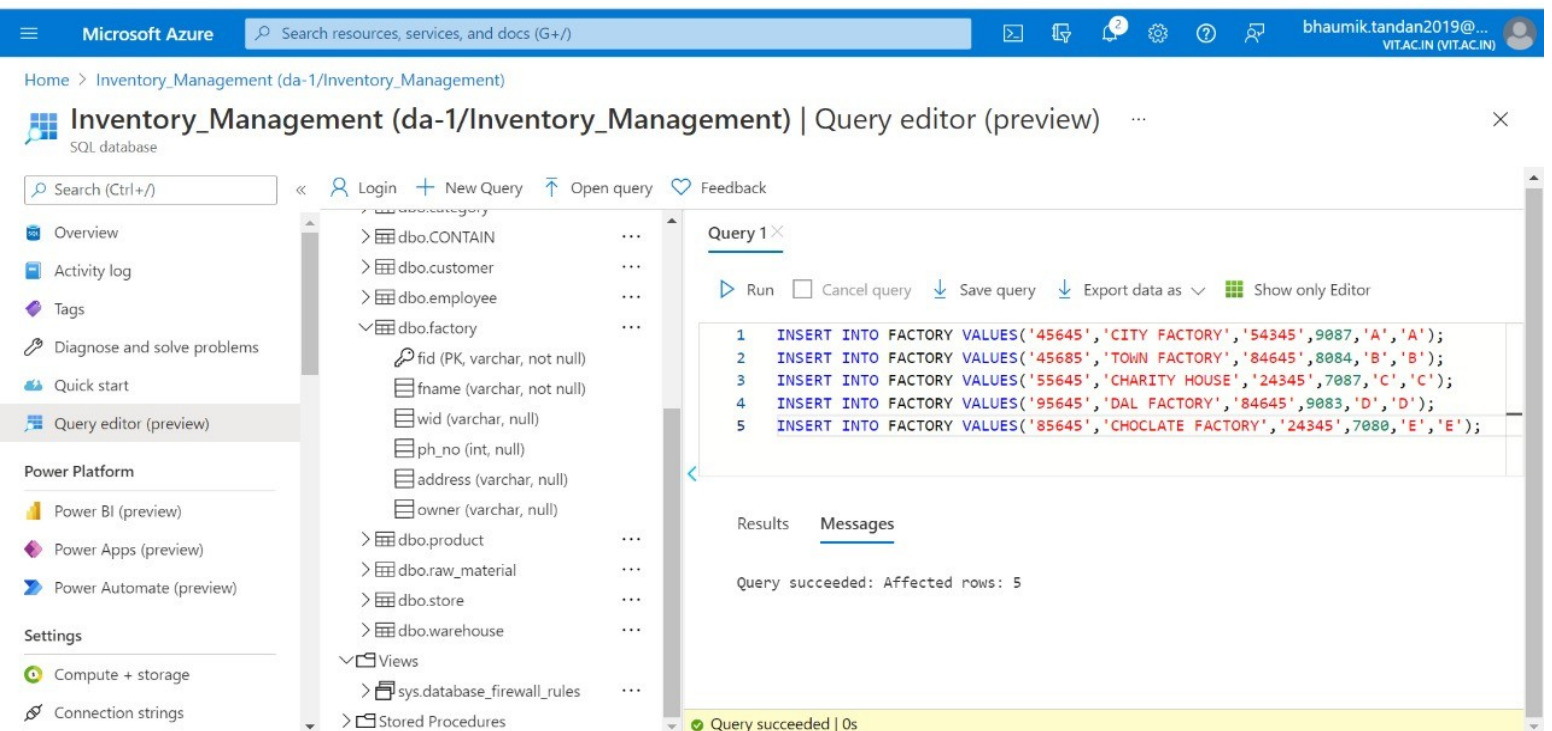
CATEGORY

CODE

INSERT INTO CATEGORY VALUES ('ELECTRONICS','56545','5 volt s');
INSERT INTO CATEGORY VALUES('Cosmetics','78545','rupees 999');
INSERT INTO CATEGORY VALUES('Grocery','56945','A to Z');
INSERT INTO CATEGORY(cname,cid) VALUES('Ladies','34 945');
INSERT INTO CATEGORY(cname,cid) VALUES('Kids','99945');

SCREENSHOT
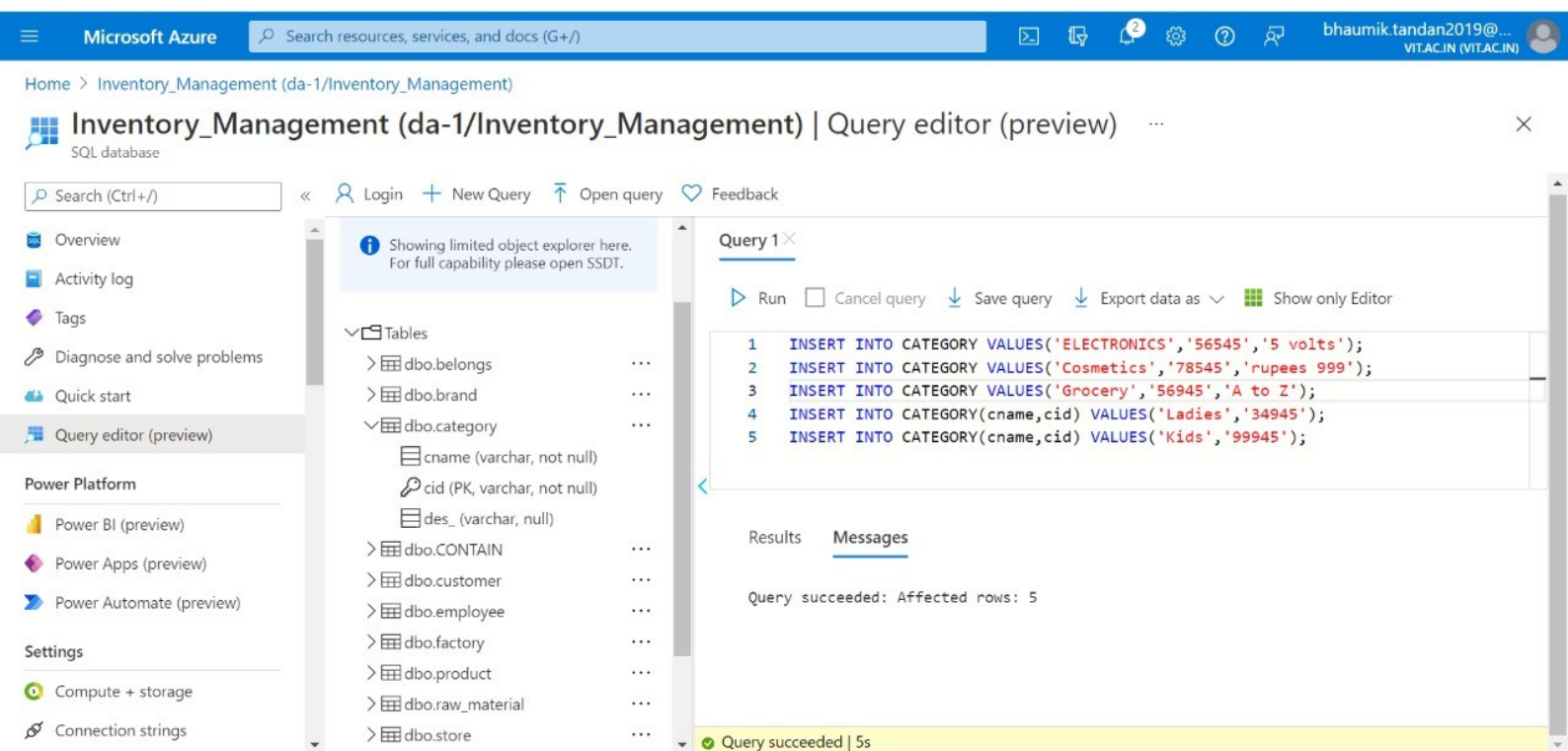
RAW MATERIAL

CODE

ALTER TABLE RAW_MATERIAL ALTER COLUMN cid VARCHAR (5);

INSERT INTO RAW_MATERIAL VALUES('WOOD',2898,'A','56945');

INSERT INTO RAW_MATERIAL(RNAME,PRICE,CID) VALUES('MOTHERBOARD',9898,'56545');

INSERT INTO RAW_MATERIAL
VALUES('SUGARCANE',898,'B','56945');

INSERT INTO
RAW_MATERIAL(RNAME,PRICE,CID)
VALUES('PULSES',98,'56945');

INSERT INTO
RAW_MATERIAL(RNAME,PRICE,CID)
VALUES('COCA',198,'56945');

SCREENSHOT

BELONGS

CODE

ALTER TABLE belongs ALTER COLUMN rname
VARCHAR (25);
ALTER TABLE belongs ALTER COLUMN fid
VARCHAR (5);
INSERT INTO BELONGS VALUES('COCA','45685');
INSERT INTO BELONGS
VALUES('MOTHERBOARD','45645');
INSERT INTO BELONGS VALUES('WOOD','45685');
INSERT INTO BELONGS VALUES('PULSES','55645');
INSERT INTO BELONGS VALUES('PULSES','95645');
INSERT INTO BELONGS VALUES('COCA','85645');

SCREENSHOT

BRAND

CODE

INSERT INTO BRAND VALUES('34343','GOLDEN HARVEST','9876340756');
INSERT INTO BRAND VALUES('94343','UTTAM','9096340756');
INSERT INTO BRAND VALUES('74343','TATA','9099040756');
INSERT INTO BRAND VALUES('90343','RELIANCE','8909340756');
INSERT INTO BRAND VALUES('89043','BIRLA','6789040756');

STORE

CODE

INSERT INTO STORE VALUES('89098','BIG BAZAAR','8789098767','A');
INSERT INTO STORE VALUES('89008','V-MART','9889098767','B');
INSERT INTO STORE VALUES('89308','FOOD MALL','6889098767','C');
INSERT INTO STORE VALUES('99308','RELAINCE TRENDS','6889098267','D');
INSERT INTO STORE VALUES('98308','WESTSIDE','8089098267','E')

SCREENSHOT
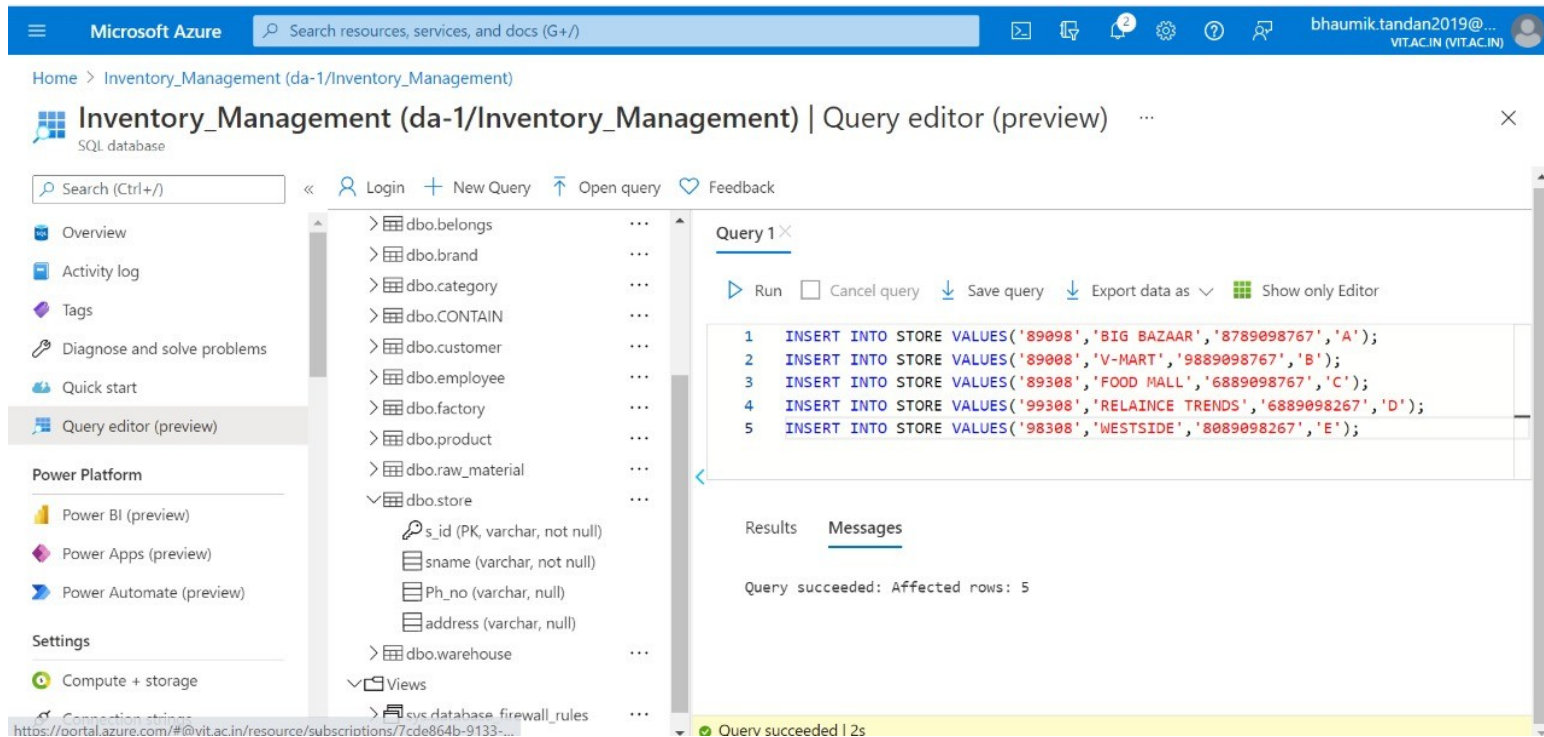
CONTAIN

CODE

ALTER TABLE contain ALTER COLUMN pid VARCHAR (5);
ALTER TABLE contain ALTER COLUMN s_id VARCHAR (5);

INSERT INTO CONTAIN VALUES('55332','89098','23-AUG-2020');
INSERT INTO CONTAIN VALUES('45432','89098','13-NOV-2019');
INSERT INTO CONTAIN VALUES('55332','89008','25-AUG-2020');
INSERT INTO CONTAIN VALUES('45432','89308','25-AUG-2019');
INSERT INTO CONTAIN VALUES('55332','89308','27-AUG-2020');

```sql
INSERT INTO CONTAIN VALUES('45382','99308','07-SEP-2018');
INSERT INTO CONTAIN VALUES('45334','98308','17-JUL-2020');
INSERT INTO CONTAIN VALUES('55332','98308','17-SEP-2018')
```

EMPLOYEE

CODE

```sql
ALTER TABLE EMPLOYEE ALTER COLUMN s_id VARCHAR (5);
ALTER TABLE EMPLOYEE ALTER COLUMN cid VARCHAR (5);
INSERT INTO EMPLOYEE VALUES('35353',4345,'rahul.gupta@gmail.com','RAHUL GUPTA','89098','56545');
INSERT INTO EMPLOYEE(EID,SALARY,EMAIL_ID,ENAME,S_ID) VALUES('33353',5345,'rohin.gupta@gmail.com','ROHIN GUPTA','89098');
INSERT INTO EMPLOYEE(EID,SALARY,ENAME,S_ID,CID) VALUES('73033',9999,'NALIN GUPTA','99308','99945');
INSERT INTO EMPLOYEE(EID,ENAME,S_ID) VALUES('70033','AKASH GUPTA','99308');
INSERT INTO EMPLOYEE VALUES('70933',6899,'peku.sharma@gmail.com','PEKU SHARMA','89008','78545');
```

SCREENSHOT
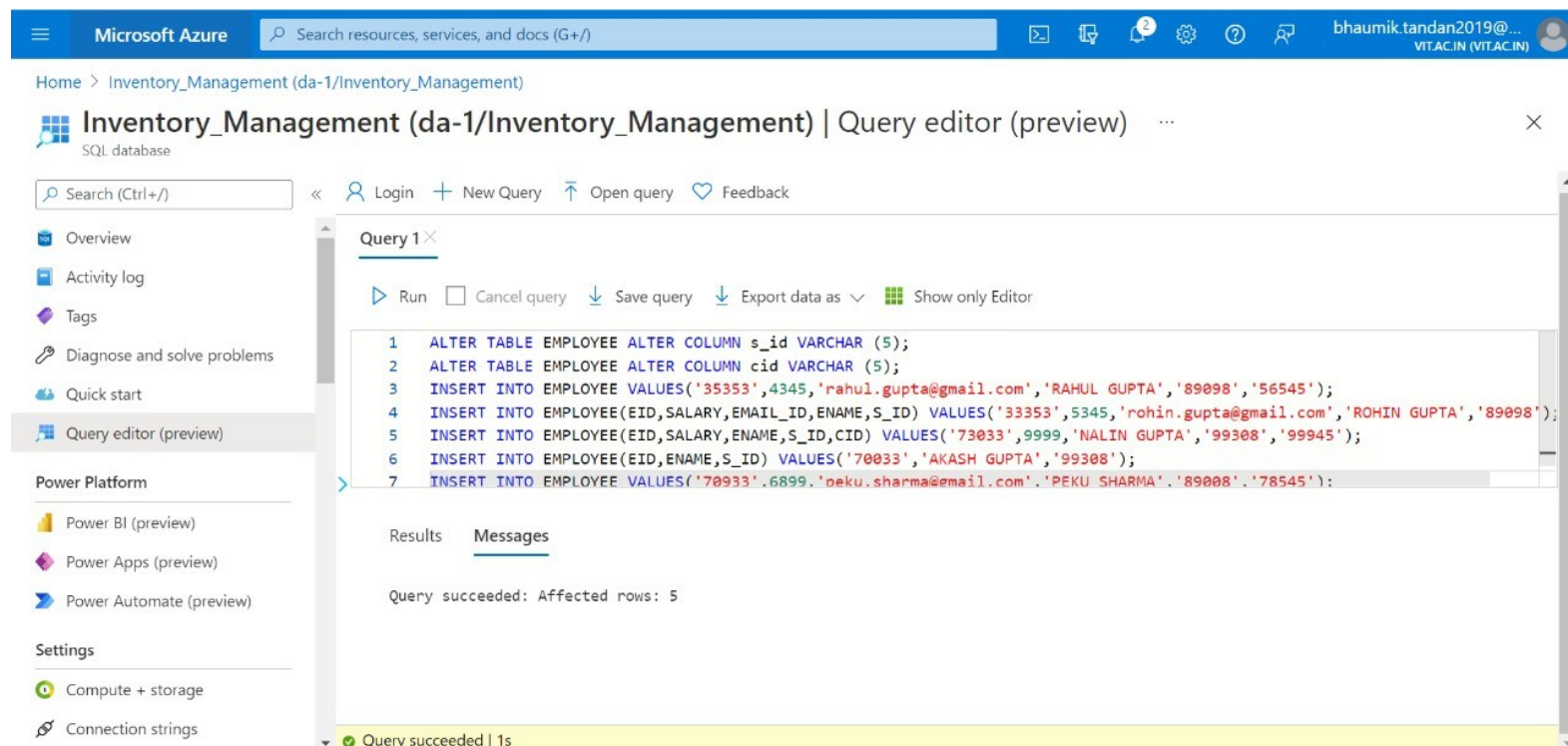
CUSTOMER

CODE

ALTER TABLE CUSTOMER ALTER COLUMN s_id VARCHAR (5);
INSERT INTO CUSTOMER
VALUES('34564','rahul.sinha34@gmail.com','6543445678','RAHUL
SINHA','99308');
INSERT INTO CUSTOMER(CID,MOB_N,C_NAME,S_ID)
VALUES('64564','9043445678','LOKESH SRIVASTAVA','99308');
INSERT INTO CUSTOMER(CID,EMAIL_ID,C_NAME,S_ID)
VALUES('84564','manan.sharma@gmail.com','MANAN SHARMA','89008');
INSERT INTO CUSTOMER
VALUES('89564','krishna.misra@gmail.com','9043445978','KRISHNA
MISRA','89308');
INSERT INTO CUSTOMER
VALUES('90964','gopal.das@gmail.com','6783445978','GOPAL DAS','89008');

SCREENSHOT
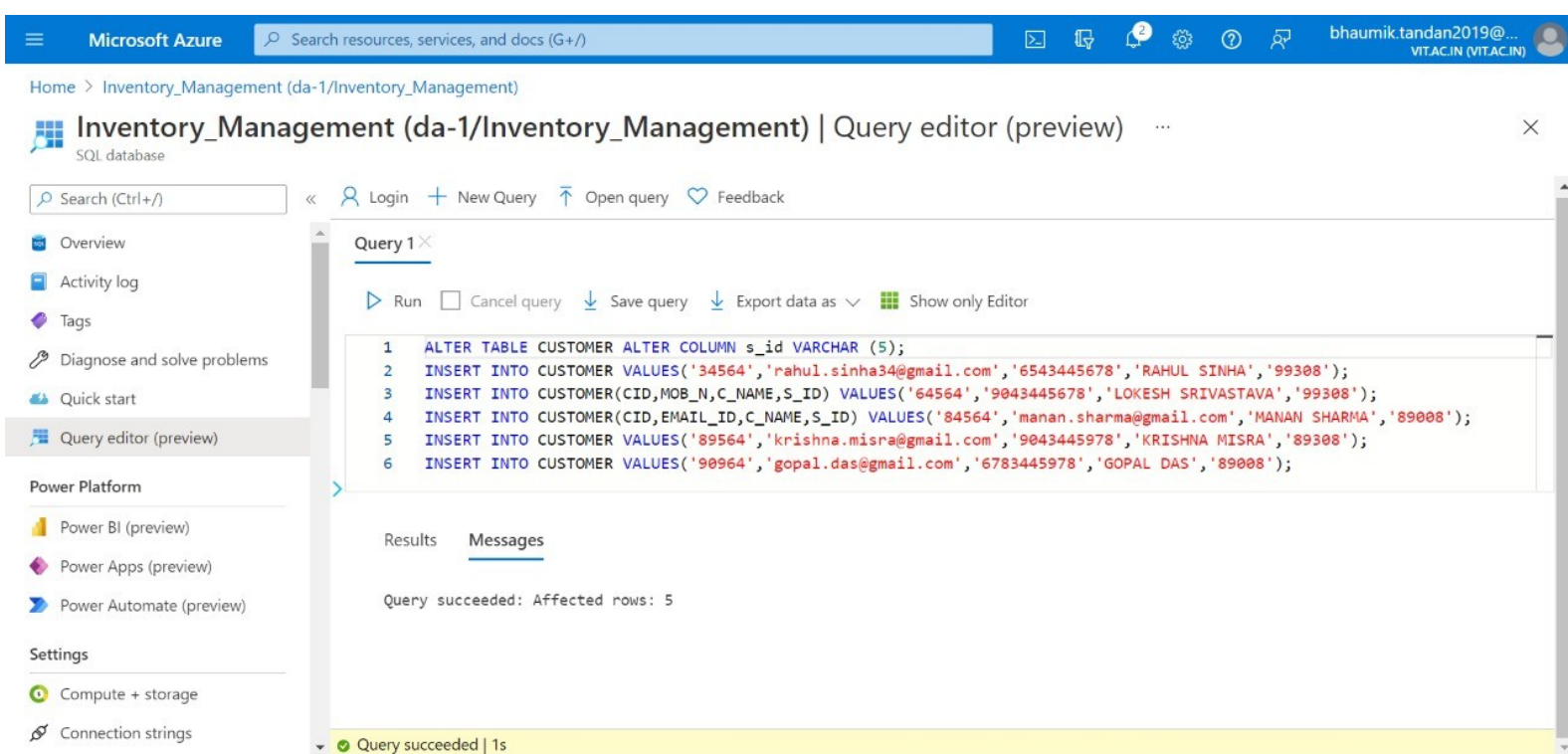
PRODUCT

CODE

ALTER TABLE PRODUCT ALTER COLUMN pname VARCHAR (20);
ALTER TABLE PRODUCT ALTER COLUMN fid VARCHAR (5);
ALTER TABLE PRODUCT ALTER COLUMN cid VARCHAR (5);
ALTER TABLE PRODUCT ALTER COLUMN bid VARCHAR (5);
INSERT INTO PRODUCT VALUES('45432',1000,'SAMPAN DAL','02-AUG-2007',2,'95645','56945','34343');
INSERT INTO PRODUCT VALUES('45332',9454,'SUPERFAST COMPUTER','06-OCT-2015',10,'45685','56545','90343');
INSERT INTO PRODUCT(PID,PRICE,PNAME,RELEASE_D,FID,CID,BID) VALUES('55332',20,'DAIRY MILK','05-DEC-2017','85645','99945','74343');
INSERT INTO PRODUCT VALUES('45334',500,'SPONGY SHOES','26-JUN-2017',2,'55645','99945','74343');
INSERT INTO PRODUCT VALUES('45382',2000,'WOMEN SLEEPER','25-NOV-2019',1,'55645','34945','90343');

SCREENSHOT

PHP APPLICATION

HOME PAGE

| Warehouse | Factory | Category | Raw Materials | Brand | Store | Product | Customer | Employee | Manufacture | Stock |

WAREHOUSE

Warehouse

ID	Address	Phone Number
24345	A	9800425380
54345	B	8800525380
54455	E	6590543380
54645	D	7890543380
84645	C	9900543380

FACTORY

Factory

ID	Factory Name	Warehouse Id	Phone number	Address	Owner
45645	CITY FACTORY	54345	9087	A	A
45685	TOWN FACTORY	84645	8084	B	B
55645	CHARITY HOUSE	24345	7087	C	C
85645	CHOCLATE FACTORY	24345	7080	E	E
95645	DAL FACTORY	84645	9083	D	D

CATEGORY

Category

Name	ID	Description
Ladies	34945	Not Available
ELECTRONICS	56545	5 volts
Grocery	56945	A to Z
Cosmetics	78545	rupees 999
Kids	99945	Not Available

RAW MATERIALS

Category

Name	ID	Description
Ladies	34945	Not Available
ELECTRONICS	56545	5 volts
Grocery	56945	A to Z
Cosmetics	78545	rupees 999
Kids	99945	Not Available

BRAND

localhost/tables/brand.php

Brand

ID	Name	Phone Number
34343	GOLDEN HARVEST	9876340756
74343	TATA	9099040756
89043	BIRLA	6789040756
90343	RELIANCE	8909340756
94343	UTTAM	9096340756

STORE

localhost/tables/store.php

Store

ID	Name	Phone Number	Address
89008	V-MART	9889098767	B
89098	BIG BAZAAR	8789098767	A
89308	FOOD MALL	6889098767	C
98308	WESTSIDE	8089098267	E
99308	RELAINCE TRENDS	6889098267	D

PRODUCT

localhost/tables/product.php

Product

ID	Price	Name	Release date	Warranty	Factory ID	Category ID	Brand ID
45332	9454	SUPERFAST COMPUTER	06-10-15	10	45685	56545	90343
45334	500	SPONGY SHOES	26-06-17	2	55645	99945	74343
45382	2000	WOMEN SLEEPER	25-11-19	1	55645	34945	90343
45432	1000	SAMPAN DAL	02-08-07	2	95645	56945	34343
55332	20	DAIRY MILK	05-12-17	Not Available	85645	99945	74343

CUSTOMER

localhost/tables/customer.php

Customer

ID	Email ID	Name	Phone number	Store ID
34564	rahul.sinha34@gmail.com	6543445678	RAHUL SINHA	99308
64564	Not Available	9043445678	LOKESH SRIVASTAVA	99308
84564	manan.sharma@gmail.com	Not Available	MANAN SHARMA	89008
89564	krishna.misra@gmail.com	9043445978	KRISHNA MISRA	89308
90964	gopal.das@gmail.com	6783445978	GOPAL DAS	89008

EMPLOYEE

localhost/tables/employee.php

Employee

ID	Salary	Email ID	Store ID	Customer ID	
33353	5345	rohin.gupta@gmail.com	ROHIN GUPTA	89098	Not Available
35353	4345	rahul.gupta@gmail.com	RAHUL GUPTA	89098	56545
70033	Not Available	Not Available	AKASH GUPTA	99308	Not Available
70933	6899	peku.sharma@gmail.com	PEKU SHARMA	89008	78545
73033	9999	Not Available	NALIN GUPTA	99308	99945

MANUFACTURE

localhost/tables/belongs.php

Manufactures

actory Name	Raw Material
CHARITY HOUSE	PULSES
CHOCLATE FACTORY	COCA
CITY FACTORY	MOTHERBOARD
DAL FACTORY	PULSES
TOWN FACTORY	COCA
	WOOD

STOCK

localhost/tables/contain.php

Stock

Shop Name	Product Name
BIG BAZAAR	DAIRY MILK
	SAMPAN DAL
FOOD MALL	SAMPAN DAL
	DAIRY MILK
RELAINCE TRENDS	WOMEN SLEEPER
V-MART	DAIRY MILK
WESTSIDE	SPONGY SHOES
	DAIRY MILK

CLICK HERE FOR THE GITHUB LINK OF THE WHOLE SOURCE CODE