

```
show databases;
create database asgn7;
use asgn7;
create table Customer ( cust_id int primary key auto_increment , name varchar(100),
total_purchase int );
create table Category ( cust_id int primary key auto_increment , name varchar(100),
class varchar(100));
show tables;
```

```
delimiter $$
create function cust_class( credit int )
returns varchar (100)
deterministic
begin
DECLARE customerLevel VARCHAR(100);

IF credit > 20000 THEN
SET customerLevel = 'Not Define';
ELSEIF (credit >= 10000 AND credit <= 20000 ) THEN
SET customerLevel = 'PLATINUM';
ELSEIF (credit >= 5000 AND credit <= 9999 ) THEN
SET customerLevel = 'GOLD';
ELSEIF (credit >= 2000 AND credit <= 4999 ) THEN
SET customerLevel = 'SILVER';
ELSEIF credit<2000 THEN
SET customerLevel = 'Not Define';
END IF;
--return the customer level
RETURN(customerLevel);
END$$
DELIMITER;
```

```
show function status where db='asgn7';
```

```
delimiter$$
create procedure proc_Grade (in cust_name varchar(100),in purchase int)
begin
declare class varchar(100);
insert into Customer (name,total_purchase) values (cust_name,purchase);
set class = cust_class(purchase);
insert into Category(name,class) values (cust_name,class);
end$$
delimiter;
```

```
call proc_Grade('jay',10000);
select * from Customer;
select * from Category;
drop procedure proc_Grade;
drop function cust_class;
drop table Customer;
drop table Category;
```