# PL/SQL ASSGINMENT

### 1. Procedure to fetch all books that are "IN STOCK" and price < given value

**DELIMITER \$\$** 

CREATE PROCEDURE proc fetch book under price(IN p price Double)

**BEGIN** 

select \* from Book WHERE status ='IN STOCK' AND price < p\_price;

END;



#### 2. Procedure to delete books from a given publication house

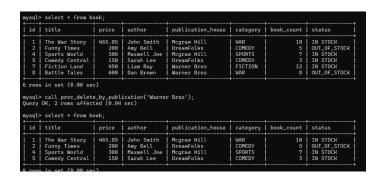
**DELIMITER \$\$** 

CREATE PROCEDURE proc\_delete\_by\_publication(IN P\_publication\_house varchar(255))

**BEGIN** 

DELETE FROM Book where publication\_house = p\_publication\_house;

END;



## 3. Procedure to update price by % based on category

DELIMITER \$\$

CREATE PROCEDURE proc\_update\_price(IN p\_percent Double, IN p\_category varchar(255))

### **BEGIN**

```
update Book

set price =price + (price * p_percent /100)

where category =p_category;
```

### END;

id   title	price	author	publication_house	category	book_count	status
1   The War Story	423.5	John Smith	Mcgraw Hill	WAR	10	IN STOCK
2   Funny Times	200	Amy Bell	DreamFolks	COMEDY	5	OUT_OF_STOCK
4   Sports World		Maxwell Joe	Mcgraw Hill	SPORTS	7	IN STOCK
5   Comedy Central	150	Sarah Lee	DreamFolks	COMEDY	3	IN STOCK
rows in set (0.00 se ysql> call proc_updat uery OK, 1 row affect	e_price(1 ced (0.04					
ysql> call proc_updat	e_price(1 ced (0.04		·	<b>+</b>	<b>+</b>	.+
ysql> call proc_updat uery OK, 1 row affect	e_price(1 ced (0.04		publication_house	+   category +	   book_count	+
ysql> call proc_updat uery OK, 1 row affect ysql> select * from H	ce_price(1 ced (0.04 pook;	sec)	publication_house	+   category 	+	status
ysql> call proc_updat dery OK, 1 row affect ysql> select * from it id   title 1   The War Story 2   Funny Times	ce_price(1 ced (0.04 cook;    price	sec)    author   John Smith   Amy Bell	Mcgraw Hill   DreamFolks	÷	÷	IN STOCK   OUT_OF_STOCK
ysql> call proc_upda' uery OK, 1 row affect ysql> select * from l id   title 1   The War Story	ce_price(1 ced (0.04 cook;    price   465.85	sec)   author   John Smith	Mcgraw Hill   DreamFolks	WAR	10	IN STOCK