

```
mysql> create database hii;  
Query OK, 1 row affected (0.14 sec)
```

```
mysql> use hii;  
Database changed
```

```
mysql> CREATE TABLE tutorials (  
-> ID INT PRIMARY KEY,  
-> TITLE VARCHAR(100),  
-> AUTHOR VARCHAR(40),  
-> DATE VARCHAR(40)  
-> );  
Query OK, 0 rows affected (0.78 sec)
```

```
mysql> desc tuorials;  
ERROR 1146 (42S02): Table 'hii.tuorials' doesn't exist  
mysql> desc tutorials;
```

Field	Type	Null	Key	Default	Extra
ID	int	NO	PRI	NULL	
TITLE	varchar(100)	YES		NULL	
AUTHOR	varchar(40)	YES		NULL	
DATE	varchar(40)	YES		NULL	

4 rows in set (0.00 sec)

```
mysql> insert into tutorials values(1, 'Java', 'Krishna', '2019-09-01');  
Query OK, 1 row affected (0.15 sec)
```

```
mysql> insert into tutorials values(2, 'JFreeCharts', 'Satish', '2019-05-01');  
Query OK, 1 row affected (0.04 sec)
```

```
mysql> insert into tutorials values(3, 'JavaSprings', 'Amit', '2019-05-01');  
Query OK, 1 row affected (0.03 sec)
```

```
mysql> insert into tutorials values(4, 'Android', 'Ram', '2019-03-01');  
Query OK, 1 row affected (0.03 sec)
```

```
mysql> insert into tutorials values(5, 'Cassandra', 'Pruthvi', '2019-04-06');  
Query OK, 1 row affected (0.03 sec)
```

```
mysql> insert into tutorials values(5, 'Cassandra', 'Pruthvi', '2019-04-06');
Query OK, 1 row affected (0.03 sec)
```

```
mysql> select * from tutorials;
```

ID	TITLE	AUTHOR	DATE
1	Java	Krishna	2019-09-01
2	JFreeCharts	Satish	2019-05-01
3	JavaSprings	Amit	2019-05-01
4	Android	Ram	2019-03-01
5	Cassandra	Pruthvi	2019-04-06

5 rows in set (0.00 sec)

```
mysql> CREATE TABLE backup (
```

```
-> ID INT,
-> TITLE VARCHAR(100),
-> AUTHOR VARCHAR(40),
-> DATE VARCHAR(40)
-> );
```

```
Query OK, 0 rows affected (0.26 sec)
```

```
mysql> DELIMITER //
```

```
mysql> CREATE PROCEDURE ExampleProc()
```

```
-> BEGIN
-> DECLARE done INT DEFAULT 0;
-> DECLARE tutorialID INTEGER;
-> DECLARE tutorialTitle, tutorialAuthor, tutorialDate VARCHAR(20);
->
-> DECLARE cur CURSOR FOR SELECT * FROM tutorials;
-> DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;
-> OPEN cur;
-> label: LOOP
-> FETCH cur INTO tutorialID, tutorialTitle, tutorialAuthor, tutorialDate;
-> INSERT INTO backup VALUES(tutorialID, tutorialTitle, tutorialAuthor, tutorialDate);
-> IF done = 1 THEN LEAVE label;
-> END IF;
-> END LOOP;
-> CLOSE cur;
-> END//
```

```
-> DECLARE cur CURSOR FOR SELECT * FROM tutorials;
-> DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;
-> OPEN cur;
-> label: LOOP
-> FETCH cur INTO tutorialID, tutorialTitle, tutorialAuthor, tutorialDate;
-> INSERT INTO backup VALUES(tutorialID, tutorialTitle, tutorialAuthor, tutorialDate);
-> IF done = 1 THEN LEAVE label;
-> END IF;
-> END LOOP;
-> CLOSE cur;
-> END//
```

Query OK, 0 rows affected (0.16 sec)

```
mysql> DELIMITER ;
```

```
mysql> ^C
```

```
mysql> CALL ExampleProc;
```

Query OK, 1 row affected (0.32 sec)

```
mysql> select * from backup;
```

ID	TITLE	AUTHOR	DATE
1	Java	Krishna	2019-09-01
2	JFreeCharts	Satish	2019-05-01
3	JavaSprings	Amit	2019-05-01
4	Android	Ram	2019-03-01
5	Cassandra	Pruthvi	2019-04-06
5	Cassandra	Pruthvi	2019-04-06

6 rows in set (0.00 sec)

```
mysql>
```