Assignment No**:**6B

mysql> CREATE DATABASE emp;

Query OK, 1 row affected (0.00 sec)

mysql> use emp;

Database changed

mysql> CREATE TABLE emp(eno int,ename varchar(20),sal float);

Query OK, 0 rows affected (0.07 sec)

mysql> INSERT INTO emp VALUES(1,'sanket',40000),(2,'suaysh',60000),(3,'rajat',20000),(4,’dilip',30000);

Query OK, 4 rows affected (0.03 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> SELECT \* FROM emp;

+------+--------+-------+

| eno | ename | sal |

+------+--------+-------+

| 1 | sanket | 40000 |

| 2 | suyash | 60000 |

| 3 | rajat | 20000 |

| 4 | dilip | 30000 |

+------+--------+-------+

4 rows in set (0.00 sec)

Q-1: .Display the names of employees whose salary > 40000

mysql> CREATE PROCEDURE sal1()

-> BEGIN

-> DECLARE f INT DEFAULT 0;

-> DECLARE ename1 VARCHAR(20);

-> DECLARE c1 CURSOR FOR SELECT ename FROM emp WHERE sal>40000;

-> DECLARE continue handler FOR NOT FOUND SET f=1;

-> OPEN c1;

-> l1:LOOP

-> FETCH c1 INTO ename1;

-> IF f=1 THEN

-> LEAVE l1;

-> END IF;

-> SELECT ename1;

-> ITERATE l1;

-> END LOOP l1;

-> CLOSE c1;

-> END#

Query OK, 0 rows affected (0.00 sec)

mysql> CALL sal1()#

+--------+

| ename1 |

+--------+

| suyash |

+--------+

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Q-2: Copy the contents of emp table to emp\_log tables.

mysql> CREATE PROCEDURE copy1()

-> BEGIN

-> DECLARE f INT DEFAULT 0;

-> DECLARE ename1 VARCHAR(20);

-> DECLARE eno1 INT;

-> DECLARE sal1 FLOAT;

-> DECLARE c1 CURSOR FOR SELECT eno,ename,sal FROM emp;

-> DECLARE continue handler FOR NOT FOUND SET f=1;

-> OPEN c1;

-> l2:LOOP

-> FETCH c1 INTO eno1,ename1,sal1;

-> IF f=1 THEN

-> LEAVE l2;

-> END IF;

-> INSERT INTO emp2 VALUES(eno1,ename1,sal1);

-> ITERATE l2;

-> END LOOP l2;

-> CLOSE c1;

-> END#

Query OK, 1 row affected (0.23 sec)

mysql> call copy1()#

Query OK, 1 row affected (0.23 sec)

mysql> SELECT \* FROM emp2#

+------+--------+-------+

| eno1 | ename1 | sal1 |

+------+--------+-------+

| 1 | sanket | 40000 |

| 2 | suyash | 60000 |

| 3 | rajat | 20000 |

| 4 | dilip | 30000 |

+------+--------+-------+

4 rows in set (0.00 sec)