

CREATE TABLES:

1. Customer

```
CREATE TABLE `customer` (  
  `Customer_id` varchar(6) NOT NULL,  
  `Customer_name` varchar(60) NOT NULL,  
  `Phone_no` bigint(10) DEFAULT NULL,  
  `CPassword` varchar(15) DEFAULT NULL,  
  `Dob` date DEFAULT NULL,  
  `CAddress` varchar(60) DEFAULT NULL,  
  `Mode` varchar(15) DEFAULT NULL,  
  `Plan_id` varchar(4) NOT NULL,  
  `Due` int(2) DEFAULT NULL,  
  `Due_amount` decimal(6,2) DEFAULT NULL,  
  `Recovery_no` bigint(10) NOT NULL,  
  `Email_id` varchar(30) NOT NULL,  
  PRIMARY KEY (`Customer_id`),  
  UNIQUE KEY `UNIQUE` (`Phone_no`),  
  UNIQUE KEY `Pass` (`CPassword`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1
```

2. Prepaid

```
CREATE TABLE `prepaid` (  
  `Plan_id` varchar(4) NOT NULL,  
  `Amount` decimal(6,2) DEFAULT NULL,  
  `TalkTime` int(11) DEFAULT NULL,  
  `Dataperday` decimal(3,1) DEFAULT NULL,  
  `Validity` int(3) DEFAULT NULL,  
  `SMSperday` int(3) DEFAULT NULL,  
  PRIMARY KEY (`Plan_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1
```

3. Postpaid

```
CREATE TABLE `postpaid` (  
  `Plan_id` varchar(4) NOT NULL,  
  `Amount` decimal(6,2) DEFAULT NULL,  
  `Connections` int(1) DEFAULT NULL,  
  `Data` int(3) DEFAULT NULL,  
  `Sms` int(3) DEFAULT NULL,
```

```
`Rollover` int(3) DEFAULT NULL,  
PRIMARY KEY (`Plan_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1
```

4. **Broadband**

```
CREATE TABLE `broadband` (  
  `Plan_id` varchar(4) NOT NULL,  
  `Amount` decimal(6,2) NOT NULL,  
  `Duration` int(3) DEFAULT NULL,  
  `MaxSpeed` int(3) DEFAULT NULL,  
  `Data` int(3) DEFAULT NULL,  
  `Plan_name` varchar(20) NOT NULL,  
  PRIMARY KEY (`Plan_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1
```

5. **Complain**

```
CREATE TABLE `complain` (  
  `Comp_id` varchar(6) NOT NULL,  
  `Customer_id` varchar(6) NOT NULL,  
  `Subject` text NOT NULL,  
  `Complaint` text NOT NULL,  
  `Status` varchar(20) DEFAULT NULL,  
  `Employee_id` varchar(6) DEFAULT NULL,  
  PRIMARY KEY (`Comp_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1
```

6. **Employee**

```
CREATE TABLE `employee` (  
  `Employee_id` varchar(6) NOT NULL,  
  `Employee_name` varchar(20) NOT NULL,  
  `Email_id` varchar(20) DEFAULT NULL,  
  `Salary` int(6) DEFAULT NULL,  
  `Designation` varchar(20) NOT NULL,  
  `Password` varchar(6) NOT NULL,  
  `Comp_id` varchar(6) DEFAULT NULL,  
  PRIMARY KEY (`Employee_id`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1
```

INSERT QUERIES:

1. Broadband

```
INSERT INTO `broadband` (`Plan_id`, `Amount`, `Duration`, `MaxSpeed`, `Data`, `Plan_name`) VALUES  
(`BB1`, '500.00', 28, 100, 75, 'Silver'),  
(`BB2`, '700.00', 30, 200, 100, 'Gold'),  
(`BB3`, '900.00', 45, 300, 130, 'Diamond'),  
(`BB4`, '1200.00', 60, 400, 150, 'Platinum'),  
(`BB5`, '400.00', 24, 100, 40, 'Bronze');
```

2. Complain

```
INSERT INTO `complain` (`Comp_id`, `Customer_id`, `Subject`, `Complaint`, `Status`, `Employee_id`) VALUES  
(`CP1`, 'C4', 'Callertune', 'Cannot set caller tune', 'Solved', '0'),  
(`CP2`, 'C3', 'pleaseword', 'WORK', 'Assigned', 'E3');
```

3. Customer

```
INSERT INTO `customer` (`Customer_id`, `Customer_name`, `Phone_no`, `CPassword`, `Dob`,  
`CAddress`, `Mode`, `Plan_id`, `Due`, `Due_amount`, `Recovery_no`, `Email_id`) VALUES  
(`C1`, 'samu', 6379021715, 'helpmeplease', '2010-12-24', '93 Gandhi Nagar, Gandhipuram, Coimbatore',  
'broadband', 'BB2', 30, '0.00', 7708540454, 'samu@gmail.com'),  
(`C2`, 'indu', 9626947774, 'ohmygod', '2000-12-24', '93 Gandhi Nagar, Gandhipuram, Coimbatore',  
'prepaid', 'PR2', 86, '0.00', 7708540454, 'indhu@gmail.com'),  
(`C3`, 'Sarmitha V D', 9422350111, 'sarmi', '2004-04-15', '64, V M Chathira Salai, Tirunelveli', 'broadband',  
'BB4', 60, '1200.00', 9443396864, 'sarmi.vds@gmail.com'),  
(`C4`, 'Deivanai D', 6420153801, 'deiva', '1973-12-21', 'Plot No:64,V M Chathira Salai,', 'prepaid', 'PR3',  
86, '0.00', 9443110458, 'deivanai.elango@gmail.com'),  
(`C5`, 'Venkata Elango A', 6781924580, 'elango', '1970-10-06', 'Plot No:64,V M Chathira Salai',  
'broadband', 'BB4', 60, '1200.00', 9486020214, 'venkataelango@gmail.com');
```

4. Employee

```
INSERT INTO `employee` (`Employee_id`, `Employee_name`, `Email_id`, `Salary`, `Designation`,  
`Password`, `Comp_id`) VALUES  
(`E3`, 'Amritha N', 'amritha@gmail.com', 100000, 'Officer', 'E3', 'CP2');
```

5. Postpaid

```
INSERT INTO `postpaid` (`Plan_id`, `Amount`, `Connections`, `Data`, `Rollover`) VALUES  
(`PP1`, '600.00', 2, 80, 200),  
(`PP2`, '750.00', 3, 120, 200),  
(`PP3`, '1000.00', 5, 200, 200),
```

```
('PP4', '400.00', 2, 40, 200),  
('PP5', '1200.00', 7, 250, 230);
```

6. **Prepaid**

```
INSERT INTO `prepaid` (`Plan_id`, `Amount`, `TalkTime`, `Dataperday`, `Validity`, `SMSperday`)  
VALUES  
('PR1', '400.00', 0, '1.0', 50, 150),  
('PR2', '600.00', 0, '1.5', 80, 200),  
('PR3', '700.00', 0, '2.0', 86, 300),  
('PR4', '1000.00', 0, '2.5', 100, 300);
```

PROCEDURES:

1. **logincheck**

```
DELIMITER $$  
CREATE DEFINER=`root`@`localhost` PROCEDURE `logincheck`(IN `num` BIGINT, IN `pwd`  
VARCHAR(15))  
BEGIN  
select * from customer where Phone_no=num AND CPassword=pwd;  
END$$  
DELIMITER ;
```

2. **generatePhoneNo**

```
DELIMITER $$  
CREATE DEFINER=`root`@`localhost` PROCEDURE `generatePhoneNo`()  
BEGIN  
DECLARE RAN BIGINT(20);  
DECLARE CNT INT(1);  
RANDNO: LOOP  
    SET RAN=FLOOR(RAND()*(9999999999-1000000000+1))+1000000000;  
    SELECT COUNT(*)  
    INTO CNT  
    FROM customer  
    WHERE customer.Phone_no=RAN;  
    IF(CNT=0) THEN  
        LEAVE RANDNO;  
    ELSE  
        ITERATE RANDNO;  
    END IF;
```

```
END LOOP RANDNO;  
SELECT RAN;  
END$$  
DELIMITER ;
```

3. newuser

```
DELIMITER $$  
CREATE DEFINER=`root`@`localhost` PROCEDURE `newuser`(IN `custid` VARCHAR(10), IN  
`custname` VARCHAR(60), IN `mobno` BIGINT(20), IN `pass` VARCHAR(15), IN `dob` DATE, IN `addr`  
VARCHAR(60), IN `mode` VARCHAR(15), IN `planid` VARCHAR(4), IN `due` INT(2), IN `dueamnt`  
DECIMAL(6,2), IN `recnum` BIGINT(20), IN `email` VARCHAR(30))  
BEGIN  
INSERT INTO customer (Customer_id, Customer_name, Phone_no, CPassword, Dob, CAddress, Mode,  
Plan_id, Due, Due_amount, Recovery_no, Email_id) VALUES  
(custid,custname,mobno,pass,dob,addr,mode,planid,due,dueamnt,recnum,email);  
END$$  
DELIMITER ;
```

4. getDue

```
DELIMITER $$  
CREATE DEFINER=`root`@`localhost` PROCEDURE `getDue`(IN `mode_` TEXT, IN `planid`  
VARCHAR(4))  
BEGIN  
    IF(mode_='prepaid') THEN  
        SELECT Amount,Validity AS Duration FROM prepaid WHERE Plan_id=planid;  
    ELSEIF(mode_='postpaid') THEN  
        SELECT Amount,30 AS Duration FROM postpaid WHERE Plan_id=planid;  
    ELSE  
        SELECT Amount,Duration FROM broadband WHERE Plan_id=planid;  
    END IF;  
END$$  
DELIMITER ;
```

5. broadbandcount

```
DELIMITER $$  
CREATE DEFINER=`root`@`localhost` PROCEDURE `broadbandcount`()  
BEGIN  
    SELECT COUNT(*) AS CNT FROM broadband;  
END$$
```

DELIMITER ;

6. postpaidcount

DELIMITER \$\$

CREATE DEFINER=`root`@`localhost` PROCEDURE `postpaidcount`()

BEGIN

SELECT COUNT(*) AS CNT FROM postpaid;

END\$\$

DELIMITER ;

7. prepaidcount

DELIMITER \$\$

CREATE DEFINER=`root`@`localhost` PROCEDURE `prepaidcount`()

BEGIN

SELECT COUNT(*) AS CNT FROM prepaid;

END\$\$

DELIMITER ;

8. returndue

DELIMITER \$\$

CREATE DEFINER=`root`@`localhost` PROCEDURE `returndue`(IN `Cid` TEXT)

BEGIN

SELECT DUE as Days FROM CUSTOMER WHERE CUSTOMER_ID=Cid;

END\$\$

DELIMITER ;

9. newcomplaint

DELIMITER \$\$

CREATE DEFINER=`root`@`localhost` PROCEDURE `newcomplaint`(IN `Phoneno` BIGINT(10), IN
`subject` TEXT, IN `complaint` TEXT)

BEGIN

DECLARE CNT INT(9);

DECLARE CID,L_ID,ID VARCHAR(10);

SELECT Comp_id INTO L_ID FROM complain ORDER BY Comp_id DESC LIMIT 1;

SELECT ExtractNumber(L_ID)+1 INTO CNT;

SET ID=CONCAT('C','P',CNT);

SELECT ID;

SELECT Customer_id INTO CID FROM customer WHERE Phone_no=Phoneno;

```

        INSERT INTO complain (Comp_id, Customer_id, Complaint, Subject, Status)
VALUES(ID, CID, complaint, subject, 'Not assigned');
        CALL assignCompToEmp(ID);
END$$
DELIMITER ;

```

10. addBroadband

```

DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `addBroadband`(IN `planid` VARCHAR(4), IN
`amnt` DECIMAL(6,2), IN `duration` INT(3), IN `speed` INT(3), IN `data_` INT(3), IN `planname`
VARCHAR(20))
BEGIN
        INSERT INTO broadband VALUES(planid, amnt, duration, speed, data_, planname);
END$$
DELIMITER ;

```

11. addEmployee

```

DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `addEmployee`(IN `eid` VARCHAR(6), IN `ename`
VARCHAR(20), IN `email` VARCHAR(20), IN `salary` INT(6), IN `desig` VARCHAR(20))
BEGIN
        INSERT INTO employee(Employee_id, Employee_name, Email_id, Salary, Designation, Password)
VALUES(eid, ename, email, salary, desig, eid);
END$$
DELIMITER ;

```

12. addPostpaid

```

DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `addPostpaid`(IN `planid` VARCHAR(4), IN `amnt`
DECIMAL(6,2), IN `connections` INT(1), IN `data` INT(3), IN `rollover` INT(3))
BEGIN
        INSERT INTO postpaid VALUES(planid, amnt, connections, data, rollover);
END$$
DELIMITER ;

```

13. assignCompToEmp

```

DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `assignCompToEmp`(IN `CID` VARCHAR(6))
BEGIN

```

```

DECLARE EID VARCHAR(6);
DECLARE flag INTEGER DEFAULT 0;
DECLARE C_EMPLOYEE CURSOR FOR SELECT Employee_id FROM employee WHERE Comp_id IS
NULL;
DECLARE CONTINUE HANDLER FOR NOT FOUND SET flag = 1;
OPEN C_EMPLOYEE;
EMP: LOOP
    IF flag = 0 THEN
        FETCH C_EMPLOYEE INTO EID;
        UPDATE employee SET Comp_id=CID WHERE Employee_id=EID;
        UPDATE complain SET Employee_id=EID WHERE Comp_id=CID;
        UPDATE complain SET Status='Assigned' WHERE Comp_id=CID;
        LEAVE EMP;
    ELSE
        LEAVE EMP;
    END IF;
END LOOP EMP;
CLOSE C_EMPLOYEE;
END$$
DELIMITER ;

```

14. assignEmpToComp

```

DELIMITER $$
CREATE DEFINER='root'@'localhost' PROCEDURE `assignEmpToComp`(IN `EID` VARCHAR(10))
BEGIN
    DECLARE CID VARCHAR(6);
    DECLARE flag INTEGER DEFAULT 0;
    DECLARE C_COMPLAIN CURSOR FOR SELECT Comp_id FROM complain WHERE Employee_id IS
    NULL;
    DECLARE CONTINUE HANDLER FOR NOT FOUND SET flag = 1;
    OPEN C_COMPLAIN;
    COMP: LOOP
        IF flag = 0 THEN
            FETCH C_COMPLAIN INTO CID;
            UPDATE employee SET Comp_id=CID WHERE Employee_id=EID;
            UPDATE complain SET Employee_id=EID WHERE Comp_id=CID;
            UPDATE complain SET Status='Assigned' WHERE Comp_id=CID;
            LEAVE COMP;
        ELSE

```



```
        LEAVE COMP;
    END IF;
END LOOP COMP;
CLOSE C_COMPLAIN;
END$$
DELIMITER ;
```

15. changeEmpPass

```
DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `changeEmpPass`(IN `pass` VARCHAR(15), IN
`eid` VARCHAR(6))
BEGIN
    UPDATE employee SET Password=pass WHERE Employee_id=eid;
END$$
DELIMITER ;
```

16. changeStatus

```
DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `changeStatus`(IN `stat` VARCHAR(20), IN `eid`
VARCHAR(6), IN `cid` VARCHAR(6))
BEGIN
    UPDATE employee SET Comp_id=NULL WHERE Employee_id=eid;
    IF (stat LIKE 'Solved') THEN
        UPDATE complain SET Status='Solved',Employee_id=0 WHERE Comp_id=cid;
    ELSE
        UPDATE complain SET Status='Not Assigned',Employee_id=NULL WHERE Comp_id=cid;
    END IF;
    CALL assignEmpToComp(eid);
END$$
DELIMITER ;
```

17. delCustomer

```
DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `delCustomer`(IN `num` BIGINT(20), IN `CID`
VARCHAR(6))
BEGIN
    DECLARE EID VARCHAR(6);
    DECLARE flag INTEGER DEFAULT 0;
    DECLARE C_DEL CURSOR FOR SELECT Employee_id FROM complain WHERE Customer_id=CID;
```

```

DECLARE CONTINUE HANDLER FOR NOT FOUND SET flag = 1;
OPEN C_DEL;
DEL: LOOP
    IF flag = 0 THEN
        FETCH C_DEL INTO EID;
        UPDATE employee SET Comp_id=NULL WHERE Employee_id=EID;
        CALL assignEmpToComp(EID);
    ITERATE DEL;
    ELSE
        LEAVE DEL;
    END IF;
END LOOP DEL;
CLOSE C_DEL;
DELETE FROM complain WHERE Customer_id=CID;
DELETE FROM customer WHERE Phone_no=num;
END$$
DELIMITER ;

```

18. delEmp

```

DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `delEmp`(IN `eid` VARCHAR(6))
BEGIN
    DECLARE cid varchar(6);
    SELECT IFNULL(Comp_id,'NA') Comp_id INTO cid FROM employee WHERE Employee_id=eid;
    IF(cid!='NA') THEN
        UPDATE complain SET Status='Not Assigned',Employee_id=NULL WHERE Employee_id=eid;
        CALL assignCompToEmp(cid);
    END IF;
    DELETE FROM employee WHERE Employee_id=eid;
END$$
DELIMITER ;

```

19. dueAfterPayment

```

DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `dueAfterPayment`(IN `num` BIGINT(20))
BEGIN
    UPDATE customer SET Due_amount=0 WHERE Phone_no=num;
END$$
DELIMITER ;

```

20. empcheck

```
DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `empcheck`(IN `eid` VARCHAR(6), IN `pass`
VARCHAR(15))
BEGIN
    SELECT * FROM employee WHERE Employee_id=eid AND Password=pass;
END$$
DELIMITER ;
```

21. addPrepaid

```
DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `addPrepaid`(IN `planid` VARCHAR(4), IN
`amount` DECIMAL(6,2), IN `talk` INT(11), IN `data` DECIMAL(3,1), IN `valid` INT(3), IN `sms` INT(3))
BEGIN
    INSERT INTO prepaid VALUES(planid,amount,talk,data,valid,sms);
END$$
DELIMITER ;
```

22. generateID

```
DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `generateID`(IN `table_` VARCHAR(15))
BEGIN
    DECLARE cnt varchar(10);
    IF (table_='customer') THEN
        SELECT Customer_id INTO cnt from customer ORDER BY Customer_id DESC LIMIT 1;
    ELSEIF (table_='prepaid') THEN
        SELECT Plan_id INTO cnt from prepaid ORDER BY Plan_id DESC LIMIT 1;
    ELSEIF (table_='postpaid') THEN
        SELECT Plan_id INTO cnt from postpaid ORDER BY Plan_id DESC LIMIT 1;
    ELSEIF (table_='broadband') THEN
        SELECT Plan_id INTO cnt from broadband ORDER BY Plan_id DESC LIMIT 1;
    ELSEIF (table_='employee') THEN
        SELECT Employee_id INTO cnt from employee ORDER BY Employee_id DESC LIMIT 1;
    END IF;
    SELECT ExtractNumber(cnt)+1 AS id;
END$$
DELIMITER ;
```

23. getBestPrepaid

```
DELIMITER $$
CREATE DEFINER='root'@'localhost' PROCEDURE `getBestPrepaid`()
BEGIN
    SELECT * FROM prepaid WHERE Amount=(SELECT MAX(Amount) FROM prepaid);
END$$
DELIMITER ;
```

24. getBestPostpaid

```
DELIMITER $$
CREATE DEFINER='root'@'localhost' PROCEDURE `getBestPostpaid`()
BEGIN
    SELECT * FROM postpaid WHERE Amount=(SELECT MAX(Amount) FROM postpaid);
END$$
DELIMITER ;
```

25. updateBroadband

```
DELIMITER $$
CREATE DEFINER='root'@'localhost' PROCEDURE `updateBroadband`(IN `planid` VARCHAR(4), IN
`amnt` DECIMAL(6,2), IN `dur` INT(3), IN `speed` INT(3), IN `data_` INT(3), IN `pname` VARCHAR(20))
BEGIN
UPDATE broadband SET Amount=amnt,Duration=dur,MaxSpeed=speed,Data=data_,Plan_name=pname
WHERE Plan_id=planid;
END$$
DELIMITER ;
```

26. updateEmployee

```
DELIMITER $$
CREATE DEFINER='root'@'localhost' PROCEDURE `updateEmployee`(IN `eid` VARCHAR(6), IN
`ename` VARCHAR(20), IN `email` VARCHAR(20), IN `salary` INT(6), IN `desig` VARCHAR(20))
BEGIN
    UPDATE employee SET
Employee_name=ename,Email_id=email,Salary=salary,Designation=desig WHERE Employee_id=eid;
END$$
DELIMITER ;
```

27. updatePrepaid

```
DELIMITER $$
```

```

CREATE DEFINER=`root`@`localhost` PROCEDURE `updatePrepaid`(IN `planid` VARCHAR(4), IN
`amnt` DECIMAL(6,2), IN `talk` INT(11), IN `data_` DECIMAL(3,1), IN `valid` INT(3), IN `sms` INT(3))
BEGIN
    UPDATE prepaid SET Amount=amnt, TalkTime=talk, Dataperday=data_, Validity=valid,
    SMSperday=sms WHERE Plan_id=planid;
END$$
DELIMITER ;

```

28. updateuser

```

DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `updateuser`(IN `name` VARCHAR(60), IN `addr`
VARCHAR(60), IN `email` VARCHAR(30), IN `recnum` BIGINT(20), IN `pass` VARCHAR(15), IN `num`
BIGINT(20))
BEGIN
    UPDATE customer SET
    Customer_name=name,CAddress=addr,Email_id=email,Recovery_no=recnum,CPassword=pass
    WHERE Phone_no=num;
END$$
DELIMITER ;

```

29. updateuserplan

```

DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `updateuserplan`(IN `planid` VARCHAR(4), IN
`mode_` VARCHAR(15), IN `due_` INT(2), IN `dueamnt` DECIMAL(6,2), IN `usernum` BIGINT(20))
BEGIN
    UPDATE customer SET
    Plan_id=planid,Mode=mode_,Due=due_,Due_amount=Due_amount+dueamnt WHERE
    Phone_no=usernum;
END$$
DELIMITER ;

```

30. updatePostpaid

```

DELIMITER $$
CREATE DEFINER=`root`@`localhost` PROCEDURE `updatePostpaid`(IN `planid` VARCHAR(4), IN
`amnt` DECIMAL(6,2), IN `connections` INT(1), IN `data` INT(3), IN `rollover` INT(3))
BEGIN
    UPDATE postpaid SET Amount=amnt,Connections=connections,Data=data,Rollover=rollover
    WHERE Plan_id=planid;
END$$

```

DELIMITER ;

FUNCTION:

1. ExtractNumber

DELIMITER \$\$

CREATE DEFINER='root'@'localhost' FUNCTION `ExtractNumber`(in_string VARCHAR(50))

RETURNS int(11)

NO SQL

BEGIN

DECLARE ctrNumber VARCHAR(50);

DECLARE finNumber VARCHAR(50) DEFAULT '';

DECLARE sChar VARCHAR(1);

DECLARE inti INTEGER DEFAULT 1;

IF LENGTH(in_string) > 0 THEN

WHILE(inti <= LENGTH(in_string)) DO

SET sChar = SUBSTRING(in_string, inti, 1);

SET ctrNumber = FIND_IN_SET(sChar, '0,1,2,3,4,5,6,7,8,9');

IF ctrNumber > 0 THEN

SET finNumber = CONCAT(finNumber, sChar);

END IF;

SET inti = inti + 1;

END WHILE;

RETURN CAST(finNumber AS UNSIGNED);

ELSE

RETURN 0;

END IF;

END\$\$

DELIMITER ;