**Calculate prime numbers from 1 to 100.**

create procedure CalPrime(in pn int(5))

-> begin

-> declare i int(5) default 1;

-> declare j int(5) default 1;

-> declare x int(5) default 0;

-> declare y int(5) default 0;

-> declare str varchar(20000);

-> set str=' ';

-> while(j<=pn) do

-> while(i<=j) do

-> if(j%i=0) then

-> set x=x+1;

-> end if;

-> set i=i+1;

-> end while;

-> if(x=2) then

-> set str= concat(str,'\n',j);

-> set y=y+1;

-> end if;

-> set x=0;

-> set i=1;

-> set j=j+1;

-> end while;

-> select str;

-> select y as "no of prime numbers";

-> END$$

**OutPUT:**

**call CalPrime(20);**

**-> $$**

**+-----------------------+**

**| str |**

**+-----------------------+**

**|**

**2**

**3**

**5**

**7**

**11**

**13**

**17**

**19 |**

**+-----------------------+**

**1 row in set (0.00 sec)**

**+---------------------+**

**| no of prime numbers |**

**+---------------------+**

**| 8 |**

**+---------------------+**