Create a procedure which takes one value as input and finds the prime number till that number.

**QUERY:**

DELIMETER $$

create table number (number int(10))$$

create procedure primeNumberFinder(IN value int(5))

begin

DECLARE i int default 1;

DECLARE j int default 1;

DECLARE modulusCounter int default 0;

Truncate table number;

while(j<=value) do

while(i<=j) do

if(j%i=0) then

set modulusCounter = modulusCounter + 1;

end if;

set i=i+1;

end while;

if(modulusCounter = 2) then

INSERT into number VALUES (j);

end if;

set i = 1;

set j = j + 1;

set modulusCounter = 0;

end while;

end$$

**Result:**

MariaDB [csd2204w18]> call primeNumberFinder(50)$$

Query OK, 1 row affected (0.71 sec)

MariaDB [csd2204w18]> select \* from number$$

+--------+

| number |

+--------+

| 2 |

| 3 |

| 5 |

| 7 |

| 11 |

| 13 |

| 17 |

| 19 |

| 23 |

| 29 |

| 31 |

| 37 |

| 41 |

| 43 |

| 47 |

+--------+

15 rows in set (0.00 sec)