

# SQL- Advanced - Part 1

## Draw the Triangle 1

<https://www.hackerrank.com/challenges/draw-the-triangle-1/problem?isFullScreen=true>

```

* * * * *
* * * *
* * *
* *
*

```

Query to print (20)

Python code :-

```

count = n q no of stars in first row
while count > 1: q till it becomes 1
    print ('* ' * count)
    count = count - 1

```

### My SQL

```

SET @count = 21
SELECT REPEAT('*', @count) AS stars
FROM information - schema . tables
WHERE @count > 0

```

### MS SQL Server

```

DECLARE @count INT = 20
WHILE (@count > 0)
BEGIN
    PRINT REPLICATE('*', @count)
    SET @count = @count - 1
END

```

## Draw the Triangle 2

<https://www.hackerrank.com/challenges/draw-the-triangle-2/problem?isFullScreen=true>

### MySQL

```

SET @count = 0
SELECT REPEAT('*', @count) AS stars
FROM information - schema . tables
WHERE @count < 20;

```

### MS SQL Server

```

DECLARE @count INT = 1
WHILE (@count < 21)
BEGIN
    PRINT REPLICATE('*', @count)
    SET @count = @count + 1
END

```