```python
In [8]: # Multiplication table (from 1 to 10) in Python

        # Method 1


        # To take input from the user
        num = int(input("Display multiplication table of? "))

        # Iterate 10 times from i = 1 to 10

        for count in range(1,11):
            print(num, 'x', count,'=',num*count)
```

```
Display multiplication table of? 2
2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
```

```python
In [9]: # Method 2

        # Multiplication table (from 1 to n) in Python

        num = int(input('Display multiplication table of? '))

        n= int(input('enter the range: '))

        for count in range(1,n+1):

            product = num*count

            print(num, 'x', count,'=',product)
```

```
Display multiplication table of? 15
enter the range: 20
15 x 1 = 15
15 x 2 = 30
15 x 3 = 45
15 x 4 = 60
15 x 5 = 75
15 x 6 = 90
15 x 7 = 105
15 x 8 = 120
15 x 9 = 135
15 x 10 = 150
15 x 11 = 165
15 x 12 = 180
15 x 13 = 195
15 x 14 = 210
15 x 15 = 225
15 x 16 = 240
15 x 17 = 255
15 x 18 = 270
15 x 19 = 285
15 x 20 = 300
```

In [ ]: