```
The number is: 0

The statistics for the iterative method of finding factorial values
        The value of 0! is 1
        The number of function calls is 1
        The number of assignment operations is 1
        The number of multiplication operations is 0

The statistics for the recursive method of finding factorial values
        The value of 0! is 1
        The number of function calls is 1
        The number of assignment operations is 0
        The number of multiplication operations is 0

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

The number is: 1

The statistics for the iterative method of finding factorial values
        The value of 1! is 1
        The number of function calls is 1
        The number of assignment operations is 2
        The number of multiplication operations is 1

The statistics for the recursive method of finding factorial values
        The value of 1! is 1
        The number of function calls is 2
        The number of assignment operations is 0
        The number of multiplication operations is 1

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

The number is: 2

The statistics for the iterative method of finding factorial values
        The value of 2! is 2
        The number of function calls is 1
        The number of assignment operations is 3
        The number of multiplication operations is 2

The statistics for the recursive method of finding factorial values
        The value of 2! is 2
        The number of function calls is 3
        The number of assignment operations is 0
        The number of multiplication operations is 2

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

The number is: 3

The statistics for the iterative method of finding factorial values
        The value of 3! is 6
        The number of function calls is 1
        The number of assignment operations is 4
        The number of multiplication operations is 3

The statistics for the recursive method of finding factorial values
        The value of 3! is 6
        The number of function calls is 4
        The number of assignment operations is 0
        The number of multiplication operations is 3

*************************************************************
```

```
The number is: 4

The statistics for the iterative method of finding factorial values
        The value of 4! is 24
        The number of function calls is 1
        The number of assignment operations is 5
        The number of multiplication operations is 4

The statistics for the recursive method of finding factorial values
        The value of 4! is 24
        The number of function calls is 5
        The number of assignment operations is 0
        The number of multiplication operations is 4

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

The number is: 5

The statistics for the iterative method of finding factorial values
        The value of 5! is 120
        The number of function calls is 1
        The number of assignment operations is 6
        The number of multiplication operations is 5

The statistics for the recursive method of finding factorial values
        The value of 5! is 120
        The number of function calls is 6
        The number of assignment operations is 0
        The number of multiplication operations is 5

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

The number is: 6

The statistics for the iterative method of finding factorial values
        The value of 6! is 720
        The number of function calls is 1
        The number of assignment operations is 7
        The number of multiplication operations is 6

The statistics for the recursive method of finding factorial values
        The value of 6! is 720
        The number of function calls is 7
        The number of assignment operations is 0
        The number of multiplication operations is 6

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

The number is: 7

The statistics for the iterative method of finding factorial values
        The value of 7! is 5040
        The number of function calls is 1
        The number of assignment operations is 8
        The number of multiplication operations is 7

The statistics for the recursive method of finding factorial values
        The value of 7! is 5040
        The number of function calls is 8
        The number of assignment operations is 0
        The number of multiplication operations is 7

************************************************************
```

```
The number is: 8

The statistics for the iterative method of finding factorial values
        The value of 8! is 40320
        The number of function calls is 1
        The number of assignment operations is 9
        The number of multiplication operations is 8

The statistics for the recursive method of finding factorial values
        The value of 8! is 40320
        The number of function calls is 9
        The number of assignment operations is 0
        The number of multiplication operations is 8

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

The number is: 9

The statistics for the iterative method of finding factorial values
        The value of 9! is 362880
        The number of function calls is 1
        The number of assignment operations is 10
        The number of multiplication operations is 9

The statistics for the recursive method of finding factorial values
        The value of 9! is 362880
        The number of function calls is 10
        The number of assignment operations is 0
        The number of multiplication operations is 9

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


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|       END OF PROGRAM OUTPUT     |
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