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### Algorithm

→ main()

- 1) Start
- 2) Input num.
- 3) Print num & fact(num)
- 4) stop.

→ fact(int n)

- 1)  $n = \text{num}$
- 2) if ( $n < 2$ )  
    return n.
- 3) return  $n * \text{fact}(n-1)$

### Flowchart

