To find no. of ‘trailing’ zeros in N!

Sol: we need to count no. of (2\*5) in prime factorization of N!

No of 2s > no. of 5s

Therefore, we only need to count no. of 5s in prime factorization of N!

Formula:

No. of trailing 0s in N! = Count of 5s in prime factors of n!

**= floor(n/5) + floor(n/25) + floor(n/125) + ....**