

Written exercise:

1. What data type in the C programming language allows for the largest values of factorial to be computed?

The commonly used largest data type for representing positive integer would be unsigned long long int, which is able to represent from 0 to
18,446,744,073,709,551,615

2. At what input value for the factorial function does your computer start to 'crash' or really slow down when you try to compute a factorial? Experiment and report your result.

In my personal machine it stops at exactly 65!, after that all results become 0. It doesn't even try to calculate it.