

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

The unsigned long int could have the largest values because the max value of unsigned long int is the largest.

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.

When we input 21, the program starts giving incorrect result because the value of factorial 21 is larger than the range of unsigned long int. when the input is about 10^6 , the program will result segmentation fault and slow down.