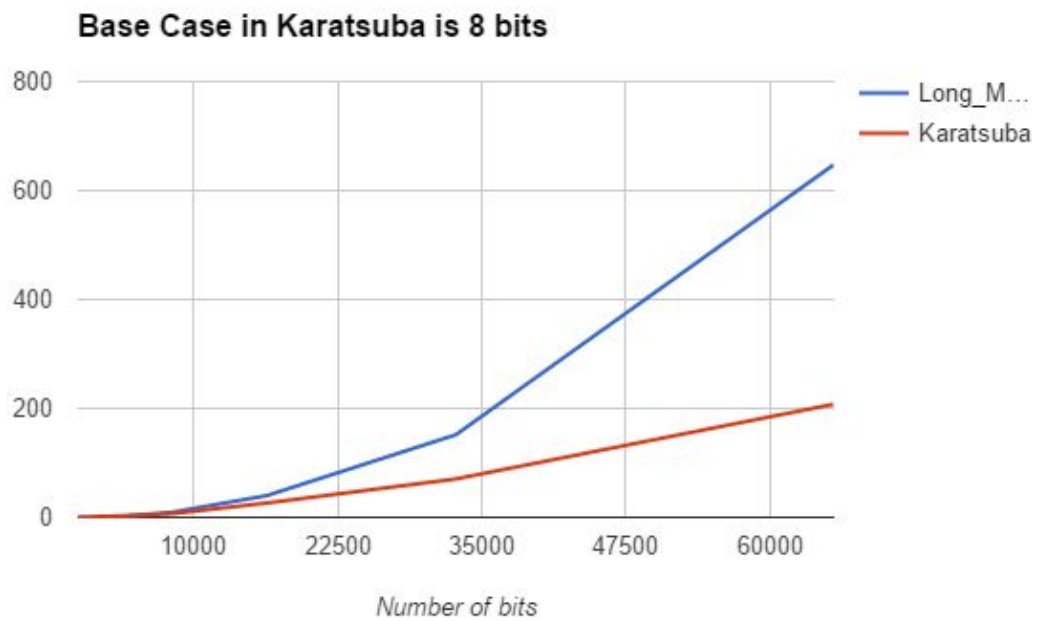


# Karatsuba vs Long Multiply Graphs



In the above case, one thing which is not seen clearly is that initially Long Multiply is better for small inputs, but karatsuba overtakes and becomes better soon.

Karatsuba does particularly well when base case is increased till a point, if base case is 1 then, long multiply is better as can be seen from the graph below.

In both the graphs, y-axis is the number of time in seconds.

