Lab 5B

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**Quick Sort with 250,000 random integers**

Wall time = 0.77157 seconds

CPU time = 0.765625 seconds

**Quick Sort with 100,000 pre-sorted integers**

Wall time = stack overflow because worst case scenario

CPU time = stack overflow because worst case scenario

**Optimised Quick Sort with 250,000 random integers**

Wall time = 759.533 seconds

CPU time = 759.375 seconds

**Optimised Quick Sort with 100,000 pre-sorted integers**

Wall time = 110.805 seconds

CPU time = 110.719 seconds