I tried with min values, M1=M2=M3=1,m1=m2=m3=0.1,F=-300 we get that M1 accelerates negatively ~-120, and T ~-61.2, 2nd acceleration is 167 a3~39 so the first body gets the biggest acceleration(negative)

Then with max values I got a1 7.5, T is 100, a2 16.1, a3 12.3 so rhe acceleration are actually not that different in this case

I wanted to find out how could I have M1 moove as little as possible, so we needed to have a very small acceleration of the body(M1), so I took very big M1(mass) so it will be hard to move, moreover if we have small m2(coefficient of friction) the positions will stay almost the same, we will get the same result we can have M3 really heavy and M1 much smaller.

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