After analyzing the main function, we see that we need to give an input such as sub_E2A(input) returns a 0 value. So, the next step is figuring out how.

After analyzing the sub_E2A function we understand that a correct input is 22 characters odd, and each even index character on position i is 2 smaller than the character on index i+1. As a result, one valid serial would be acacacacacacacacacac. Using this, we get the flag.

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