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| [InterviewQs](http://url4828.interviewqs.com/ls/click?upn=qwT-2Bl0U064-2B7oRNpPgUya7ecPmGRwE2khpP-2F5cNr-2FmX-2B6PqYxRHzWlRa-2B8ecgLBA9-2BqgBN6N-2BlN6LynvPDDX8gP5GJnL7P-2FdFw86KOd0IkE-3DF2-F_IX5HKWnhXeILdZHF1orS-2BlB9GK8lB7SYfPoy-2FMuH4KRohMZLpajhsnIOVcXh9Dl1-2FEM0gexeUVi2uV8saiYk-2BIoemGnh34m-2BtT-2BROOE0Lc-2Bkopd6Z27bKGuv7dOuQ73sXkNsOgMybAyt1cBiJAwdfrsAeeJh5bJa8Hot90W16qZ7R-2BtpW-2FgA186GOcU67cb6cb21XHgv6XyEmC-2FXyD1w-2B6uzhjY08Q7BDgZEa922175fshyHjdcBdOpzVN7GMIqY2smMI5Q8timPSJBJvXm1ysrjAAP6ZoX-2BB2j4v9KivrRsjftW4xRpSP-2FfSSlKOg49rQEXkG7I55jqs47Off-2BrJhuf1wUCzl940rqc-2BBZ7vkXKqTjUxBQQPGDaDKZw68ni) |

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| **Calculating a moving average - using python** |

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| ***Python, Moving Average, Data Structures, Array*** |

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| You are given a list of numbers J and a single number p. Write a function to return the minimum and maximum averages of the sequences of p numbers in the list J.  For example:    # Array of numbers    J = [4, 4, 4, 9, 10, 11, 12]    # Length of sequences, p    p = 3    Here, the sequences will be:   * (4,4,4) * (4,4,9) * (4,9,10) * (9,10,11) * (10,11,12)   From the above we can see that the minimum average will be 4 and the maximum average will be 11, which corresponds to the first and last sequences. |