

Maximum Product of Three Numbers [D.E. Shaw Python Interview Question]

Given a list of integers, return the maximum product of any three numbers in the array.

For example, for $A = [1, 3, 4, 5]$, you should return 60, since $3*4*5=60$.

For $B = [-4, -2, 3, 5]$ you should return 40 since $-4*-2*5=40$

p.s. this is the same as question 9.2 in [Ace the Data Science Interview](#).