



MITx CSE.0002x

Introduction to Computational Science and Engineering

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3.3.5 Finger Exercise: Using NumPy ndarrays in vectorized mathematical operations

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Finger Exercises 2 due Aug 10, 2023 05:00 IST Completed

Problem: Using NumPy ndarrays for vector math

1/1 point (graded)

M02.3

Consider the following Python code:

```
import numpy as np
un = np.array([1.0, 2.0])
fn = np.array([0.0, 1.0])
dt = 2.0
un1 = un + dt*fn
print(un1)
```

What will this code print when run? If an error would occur at any point, select ERROR OCCURS.

- ☐ [1.0, 4.0]
- ☐ [1.0, 2.0, 0.0, 1.0, 0.0, 1.0]
- ☒ [1. 4.]
- ☐ [1. 2. 0. 1. 0. 1.]
- ☐ ERROR OCCURS



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i Answers are displayed within the problem

SOLUTION: The solution will be available shortly after the due date in Section 3.4.5

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