Quiz

1 ✓ What does the `arange` function do?

Your Answer

✓ **A)** Returns a 1-D array of numbers based on a a given range and interval

○ **B)** Returns a random array

○ **C)** Squares each value of an array

○ **D)** Returns the largest element of an array

2 ✓ What happens if we try to use `np.save` on a file without a .npy extension?

○ **A)** The function raises an exception

○ **B)** The data is saved to the file without the .npy extension

Your Answer

C) The function automatically adds the .npy extension

○ **D)** The function does nothing

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3 ✓ What is the difference between `np.sum` and `np.cumsum` ?

○ **A)** The former is computationally more expensive than the latter

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🔵 **B)** Both perform the same thing

○ **C)** The former is significantly slower than the latter

Your Answer
✓ **D)** The former produces the overall sum while the latter calculates cumulative sums

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4 ✓ Consider the 2-D array, `arr` . What is the output of `np.sum(arr, axis=1)` ?

○ **A)** A 1-D array containing the column sums of `arr`

Your Answer
✓ **B)** A 1-D array containing the row sums of `arr`

C) A 2-D array containing the cumulative column sums of `arr`
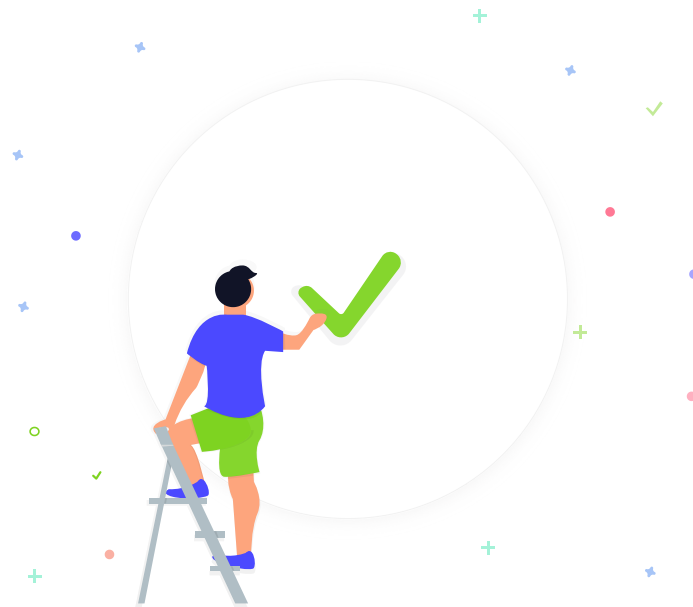
D) A 1-D array containing the cumulative row sums of `arr`

SUMMARY

Correct	4

Incorrect	0

Awesome! you got all 4 correct!

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