Week 1 Homework - Vectors and Matrices

New Attempt

- Due Sunday by 11:59pm
- Points 100
- Submitting a file upload
- Available until Feb 5 at 11:59pm

In this homework, you will use `Python` and `NumPy` functions to perform main vector operations such as scalar multiplication, addition, and dot product and matrix operations such as addition and matrix multiplication. Download the notebook with the instructions and the starting template from **here (https://sit.instructure.com/courses/78114/files/14823563?wrap=1)** ↓ **(https://sit.instructure.com/courses/78114/files/14823563/download?download_frd=1)** and submit a .ipynb file with your solutions.

Homework 1 - Grading Scheme		
Criteria	**Ratings**	**Pts**
ScalarMultiplication Function		12 pts
AddLoop Function		12 pts
Add Function		12 pts
DotLoop Function		12 pts
AddMatrices Function		12 pts
MultiplyMatricesLoop Function		16 pts
MultiplyMatrices Function		12 pts
Dot Function		12 pts
		Total Points: 100