Project Proposals and Cash Flows - Python Exercise

# Question:

Create NumPy arrays for the projected cash flows of Project 1 and Project 2, and then scale these arrays by 1000.

# Question Explanation (20 words):

We must define numpy arrays for both project cash flows as per the table and scale the values by 1000.

# Answer (Code):

# Import numpy as np  
import numpy as np  
  
# Create a numpy array of cash flows for Project 1  
cf\_project\_1 = np.array([-1000, 200, 250, 300, 350, 400, 450, 500, 550, 600])  
  
# Create a numpy array of cash flows for Project 2  
cf\_project\_2 = np.array([-1000, 150, 225, 300, 375, 425, 500, 575, 600, 625])  
  
# Scale the original objects by 1000x  
cf\_project1 = cf\_project\_1 \* 1000  
cf\_project2 = cf\_project\_2 \* 1000

# Answer Explanation (20 words):

NumPy arrays are created for both projects’ cash flows, then multiplied by 1000 to scale them to actual values.

