**Task 5: Applying Custom NumPy Universal Functions**

* **Libraries Used**: numpy
* **Summary**: In this task, we created a custom NumPy universal function (ufunc) and applied it to a NumPy array. We defined a custom function to calculate the square of the difference between each element and the mean of the array, and then created a ufunc from this function. We applied the custom ufunc to a sample NumPy array, demonstrating the flexibility and power of NumPy for creating and using custom functions.
* **Key Steps**:

1. **Import Libraries**: Imported numpy.
2. **Define Custom Function**: Defined a function to calculate the square of the difference between each element and the mean.
3. **Create Custom Ufunc**: Used np.frompyfunc to create a ufunc from the custom function.
4. **Apply Custom Ufunc**: Applied the custom ufunc to a sample NumPy array and printed the results.