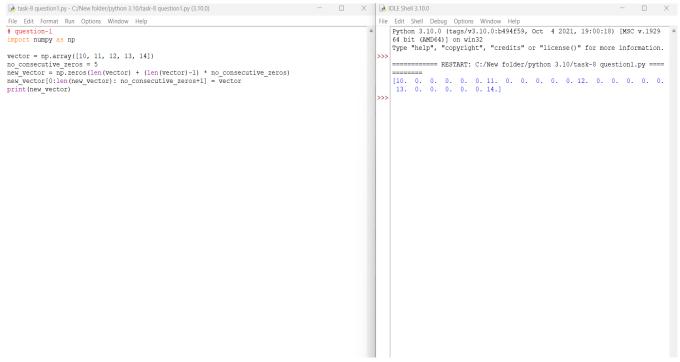
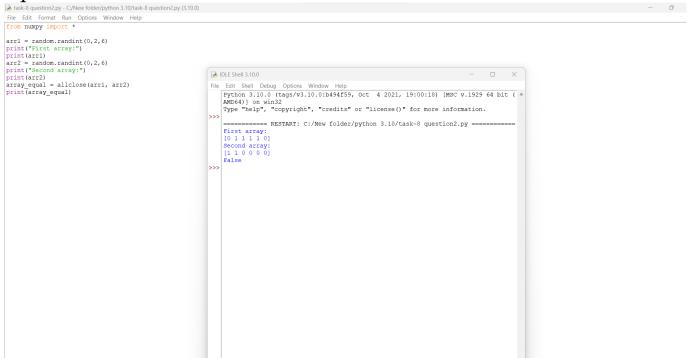
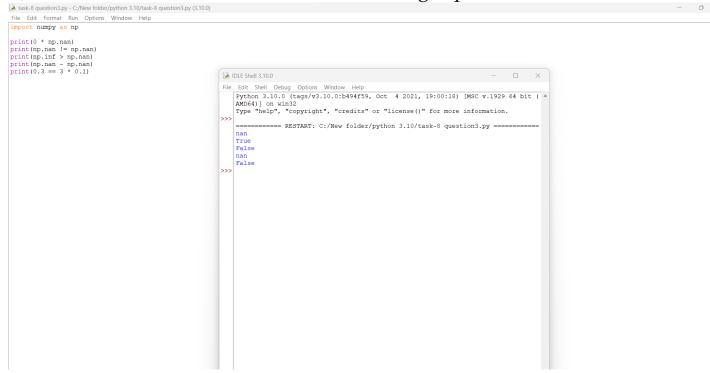
Question-1. Consider the vector [10, 11, 12, 13, 14], how to build a new vector with 5 consecutive zeros interleaved between each value?



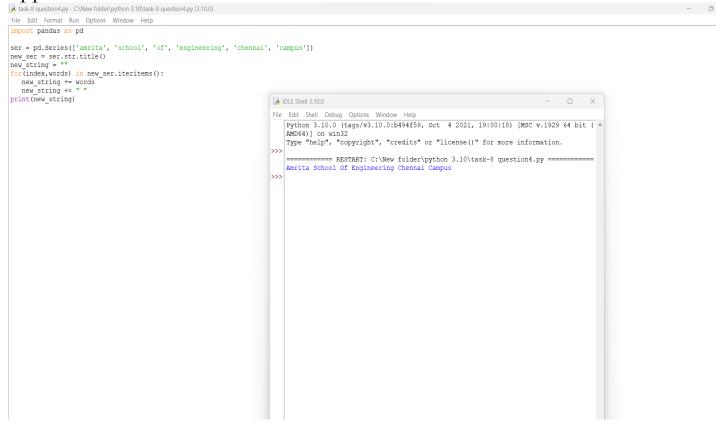
Question2. Consider two random array A and B, check if they are equal?



Question-3. What is the result of the following expression?

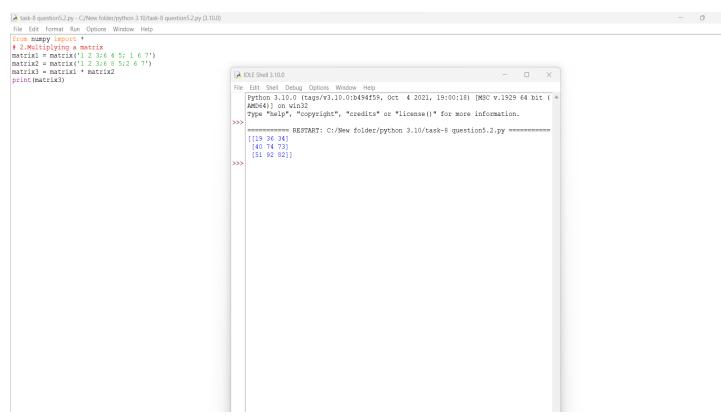


Question-4. Convert the first character of each element in a series to uppercase?

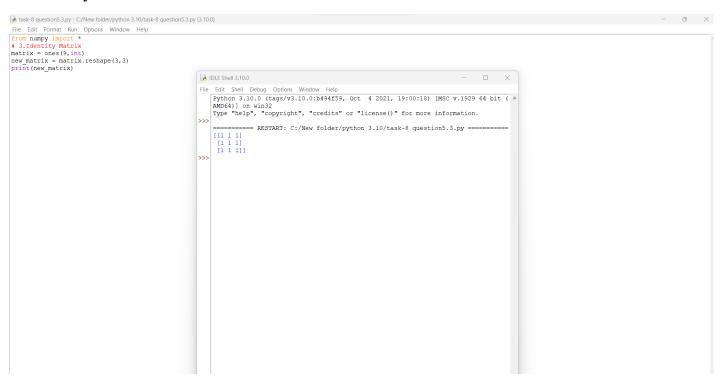


Question-5. 1.addition of 2 NumPy arrays:

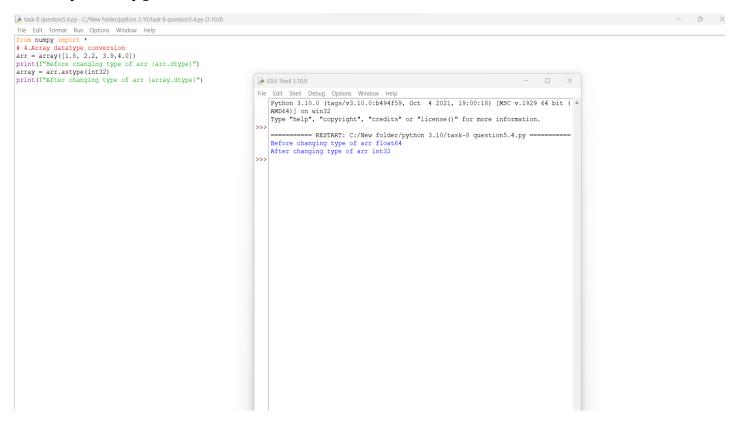
2. Multiplying a matrix:



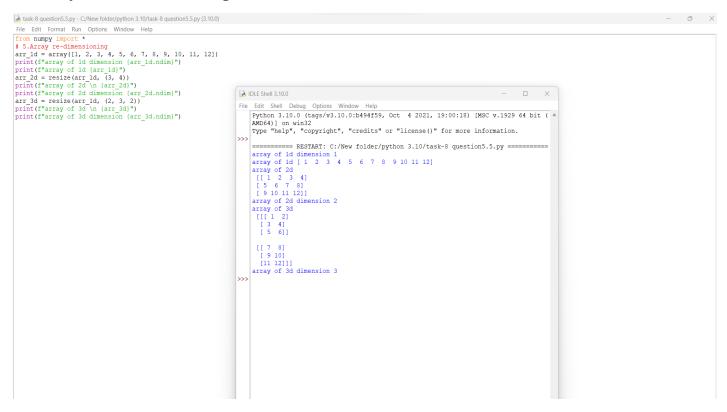
3.Identity Matrix:



4. Array datatype conversion:



5. Array re-dimensioning:



6. Custom Sequence Generation:

7.Getting the positions (indexes) where elements of 2 NumPy arrays match:

