Artificial Intelligence

Lab 06 Tasks

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Batch: BSCS-6th semester

Lab Instructor:

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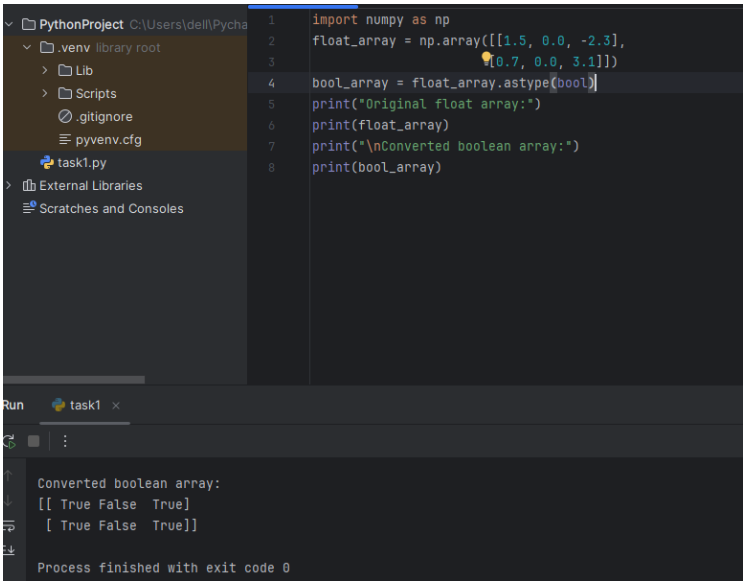
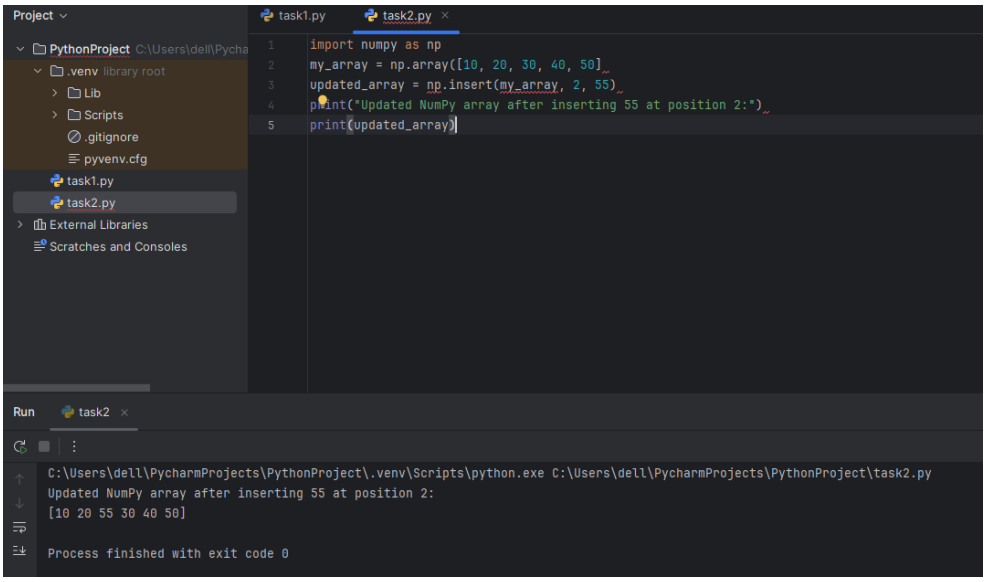
Tasks

Task 1:
Consider 2-d array and Convert all the elements of a numpy array from float to Bool datatype.



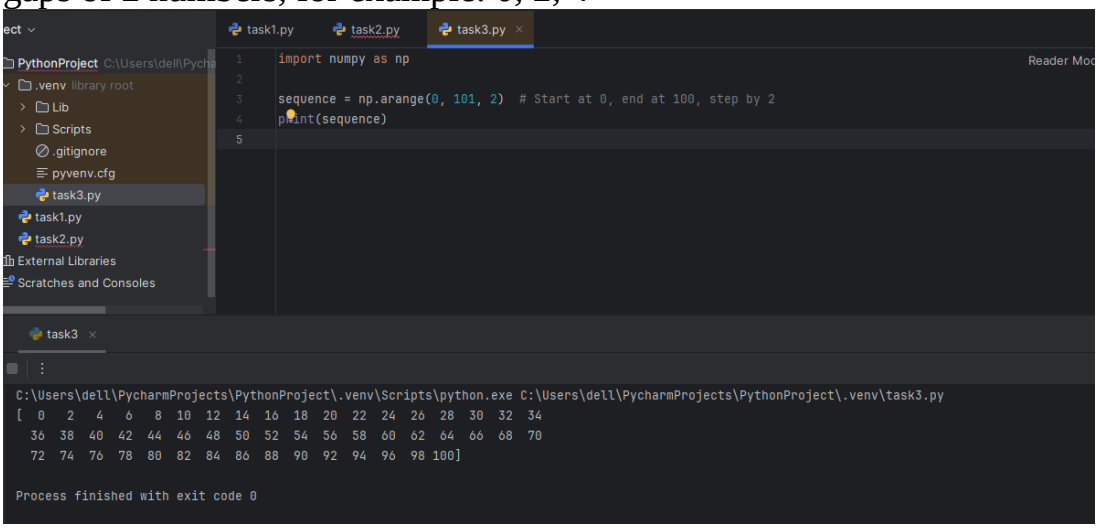
Task2:
Write a Python program that uses insert function to add an element to a specific position in a array.

- add the element 55 at position 2.
- **Print the updated array after the insertion.**



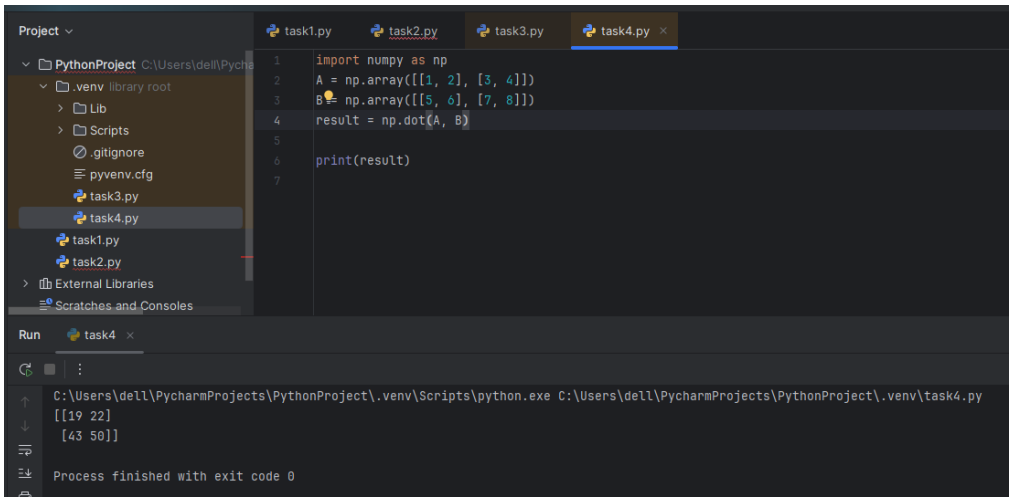
Task3:

Generate a sequence of numbers in the form of a numpy array from 0 to 100 with gaps of 2 numbers, for example: 0, 2, 4



Task 4:

Given 2 numpy arrays as matrices, output the result of multiplying the 2 matrices as a numpy array



Task5:

Consider a 1-d array and check whether the specific number is present or not?