Faculty of Computing



**[Artificial intelligence]**

**LAB#6**

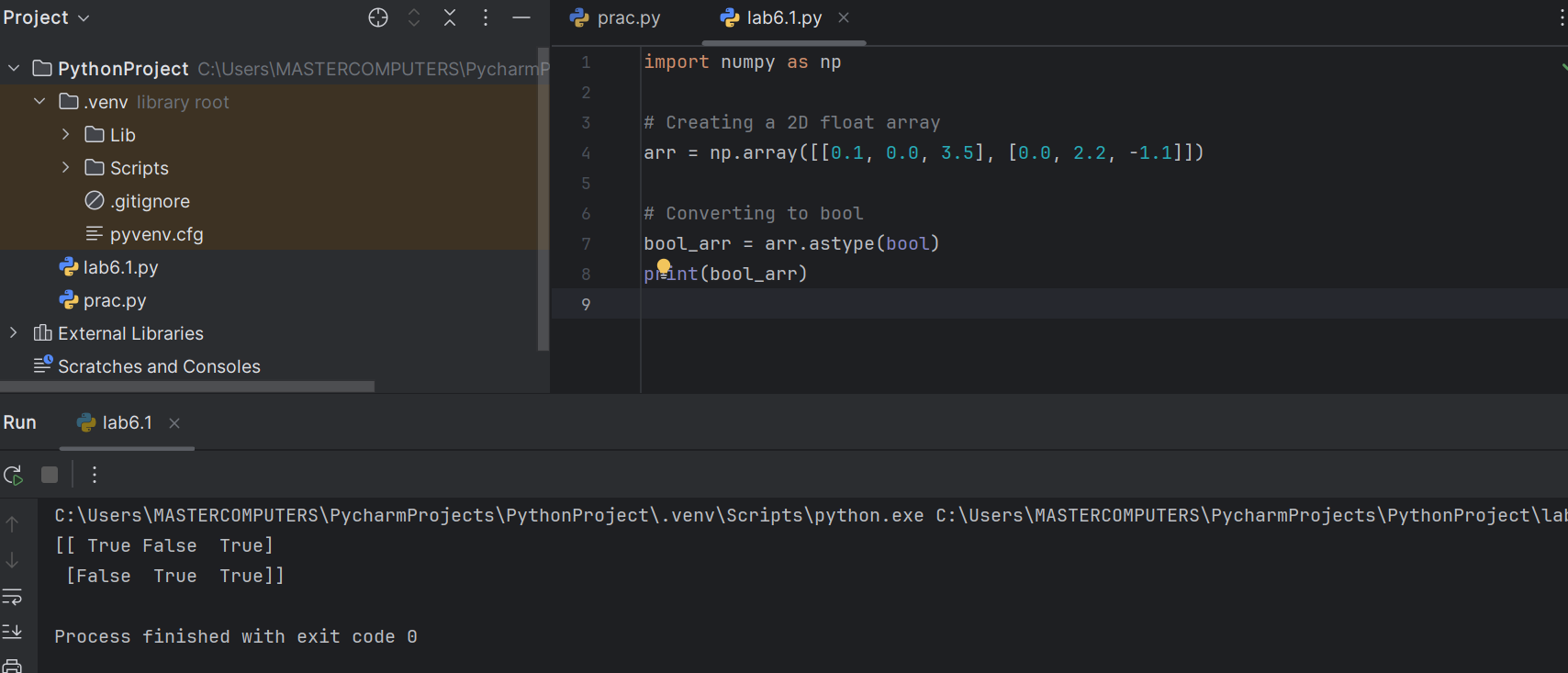
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**Batch: BSCS-6**

**Task 1:**

Consider 2-d array andConvert all the elements of a numpy array from float to Bool datatype.

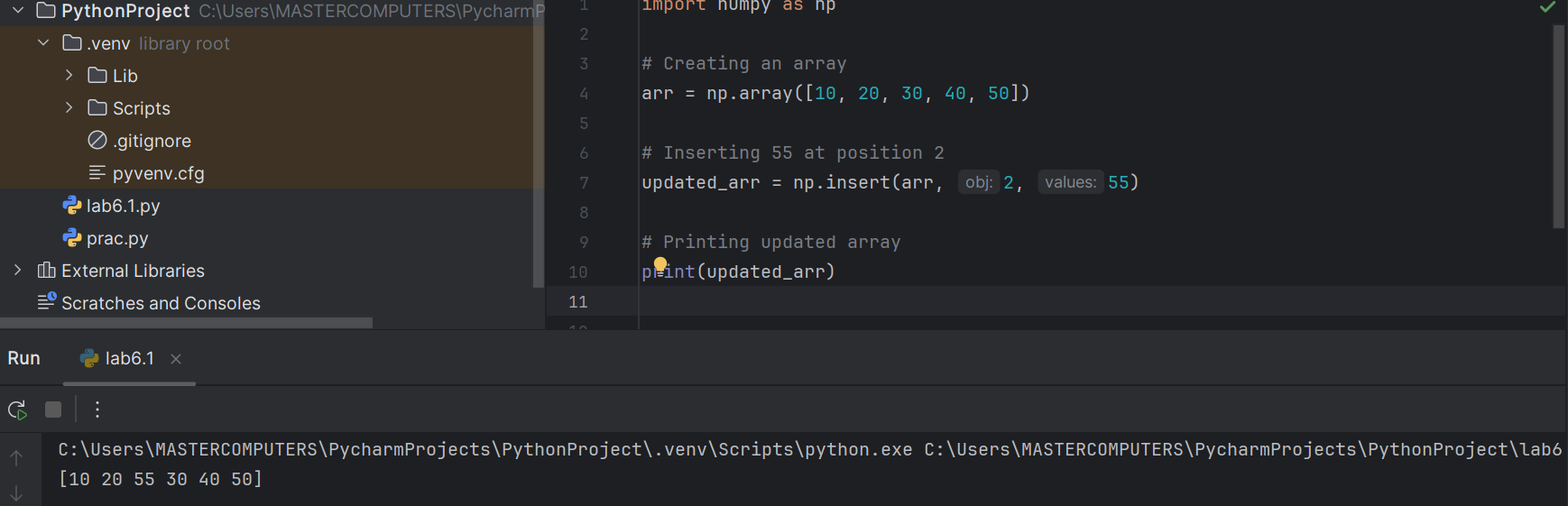


**Task2:**

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

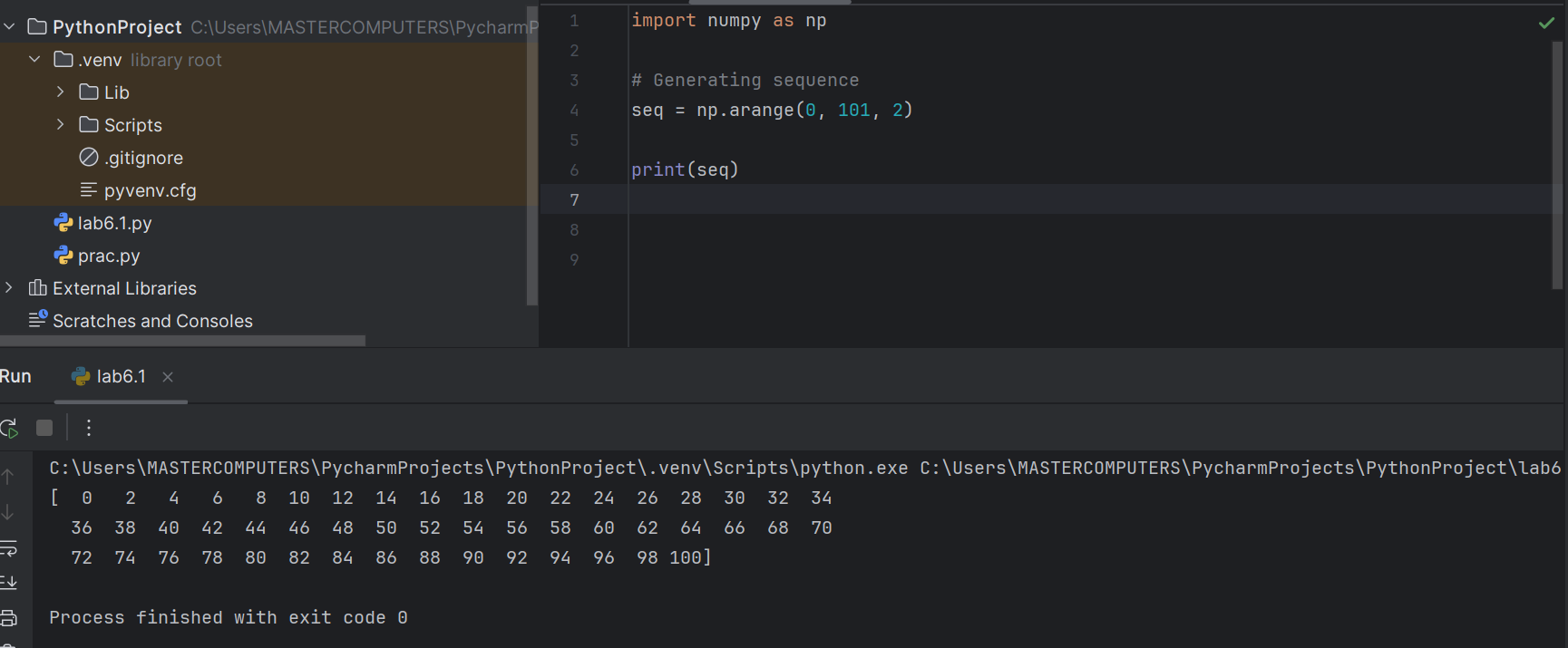
* + add the element 55 at position 2.

### Print the updated array after the insertion.



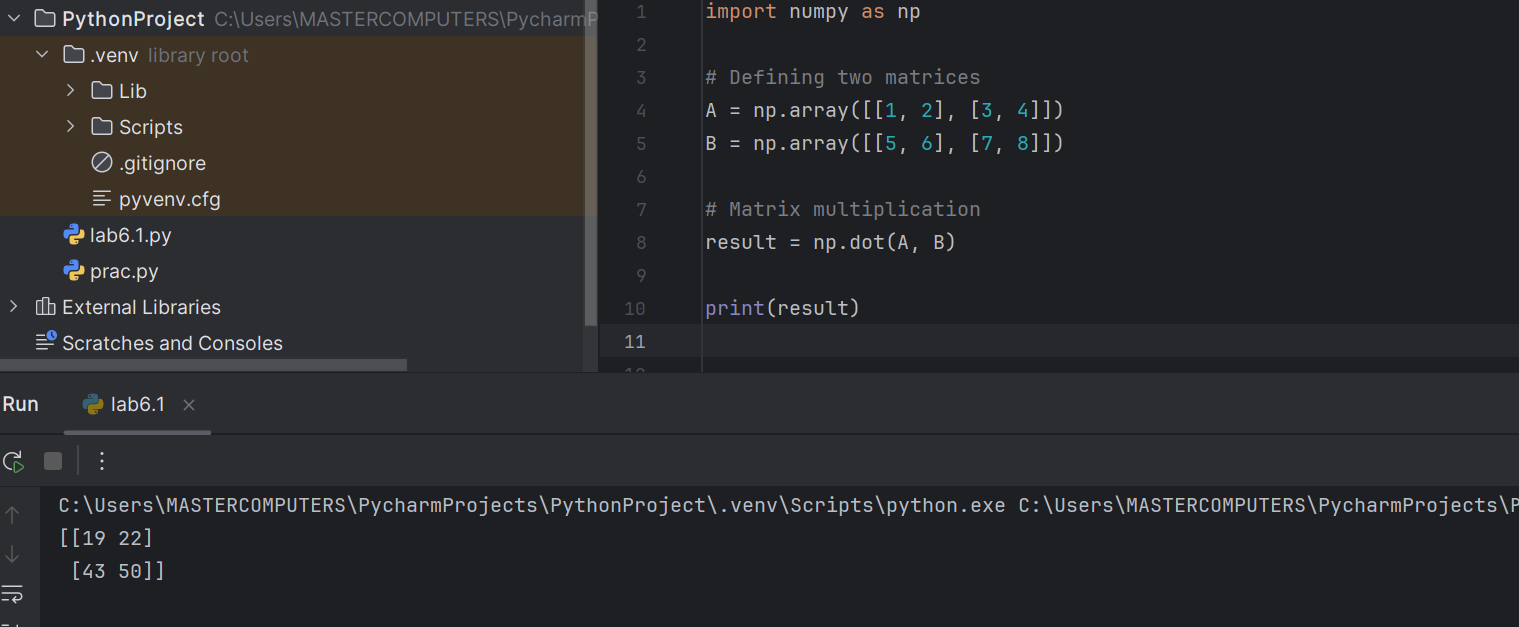
**Task3:**

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?

