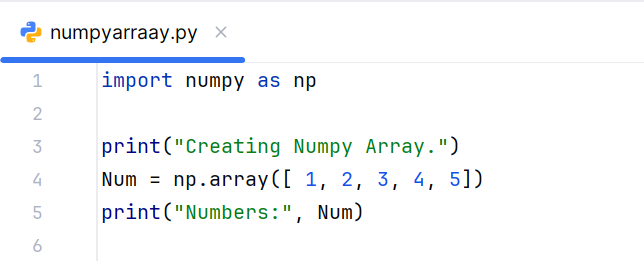
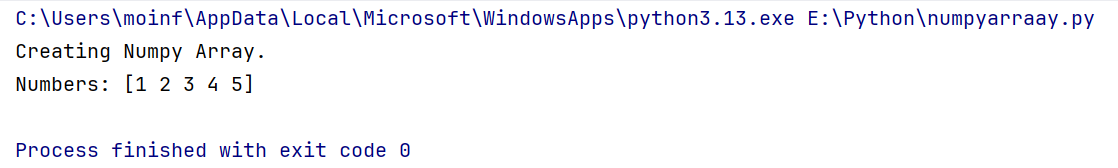
**Q.1) Perform the following.**

**A) Write a program in numpy array, use dimension, data type, copying/sorting.**

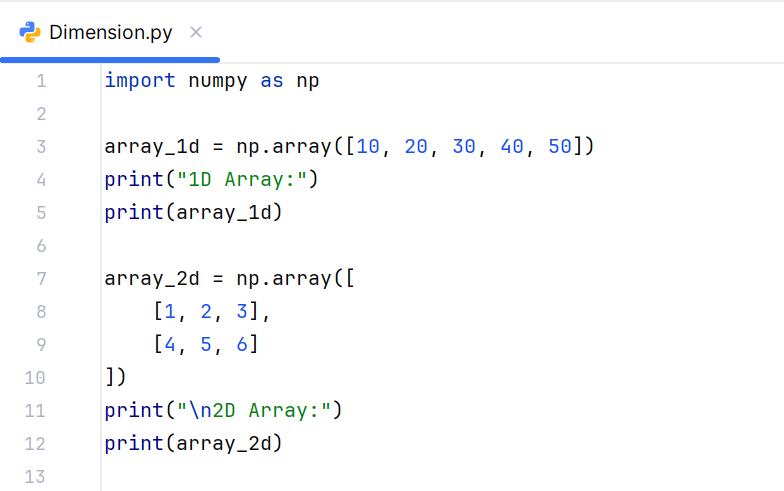
**Creating Array:**

****

**Output:**

****

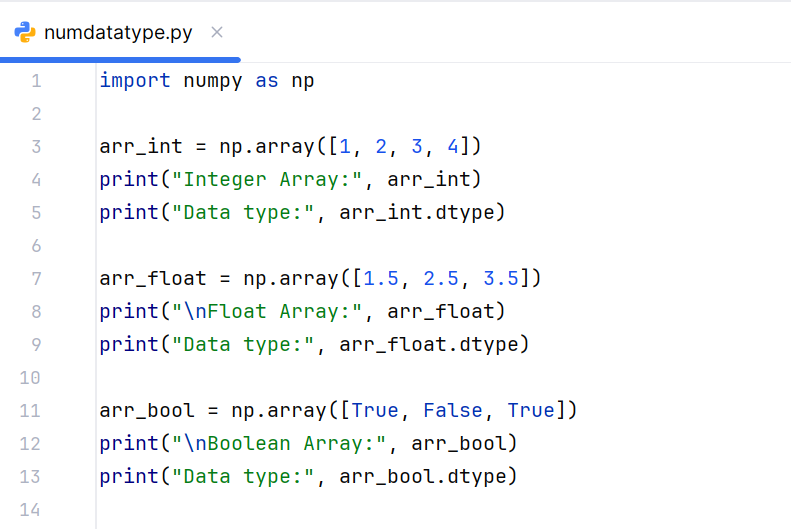
**Using Dimension:**

****

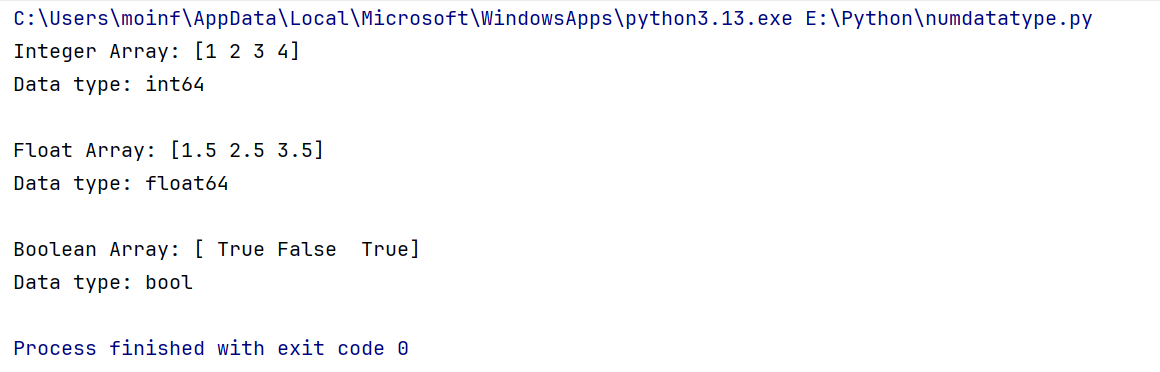
**Output:**

****

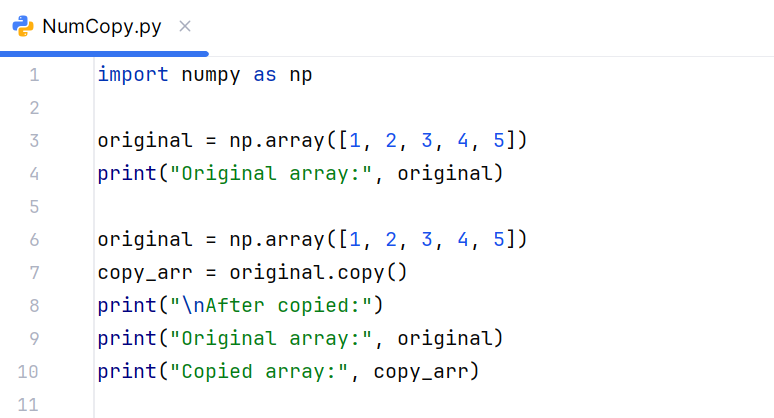
**Data Type:**

****

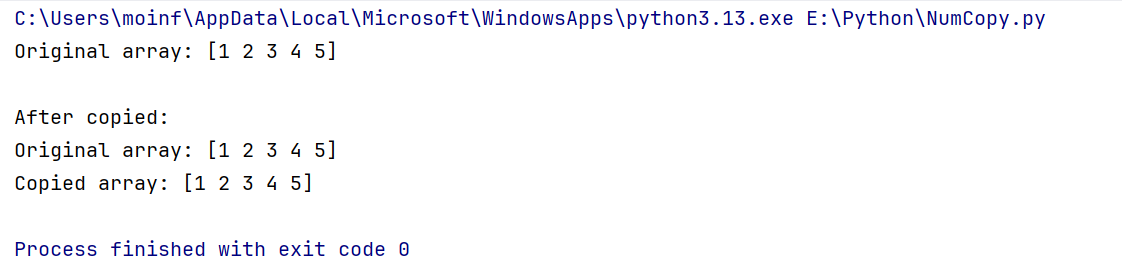
**Output:**

****

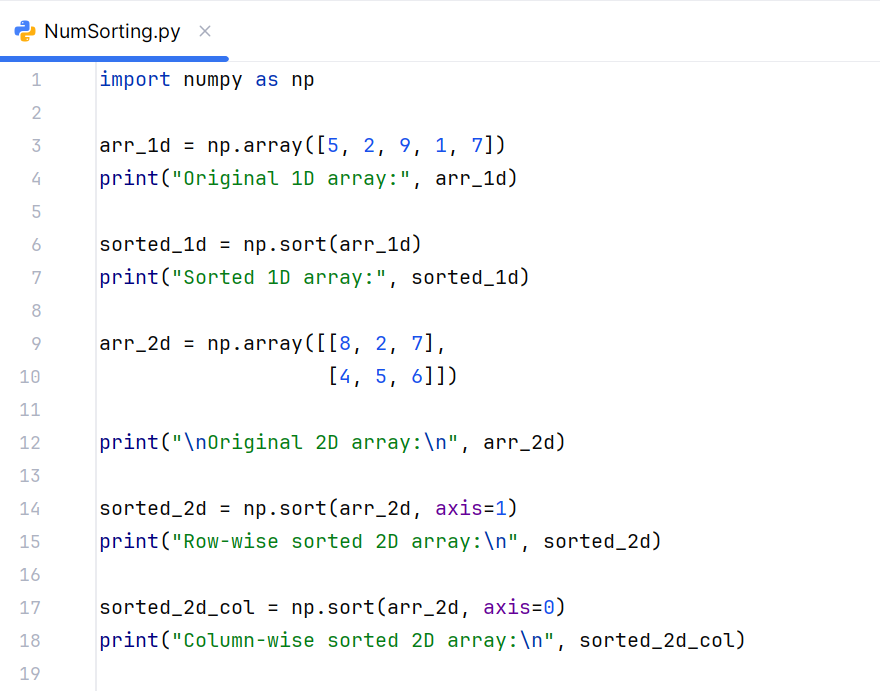
**Coping:**

****

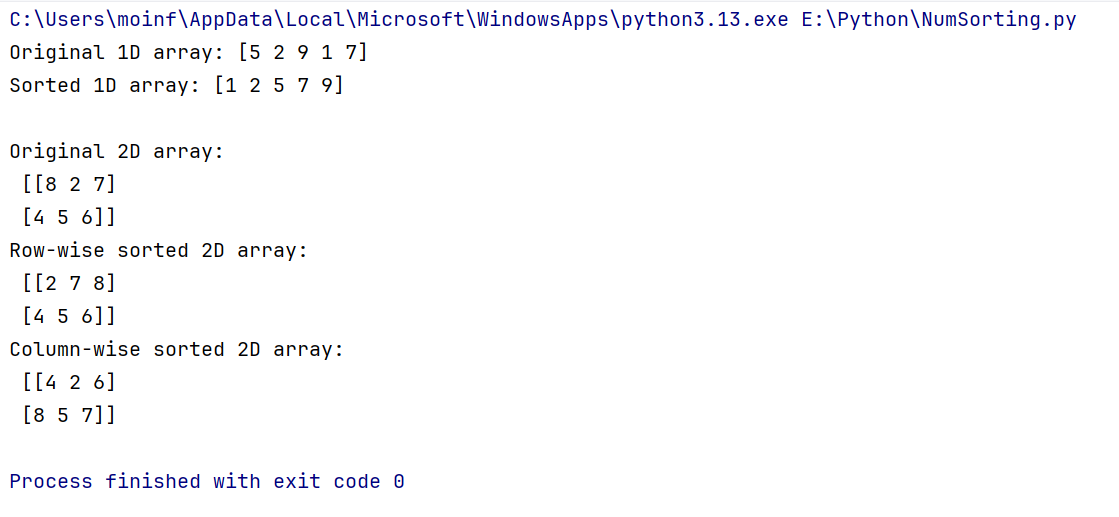
**Output:**

****

**Sorting:**

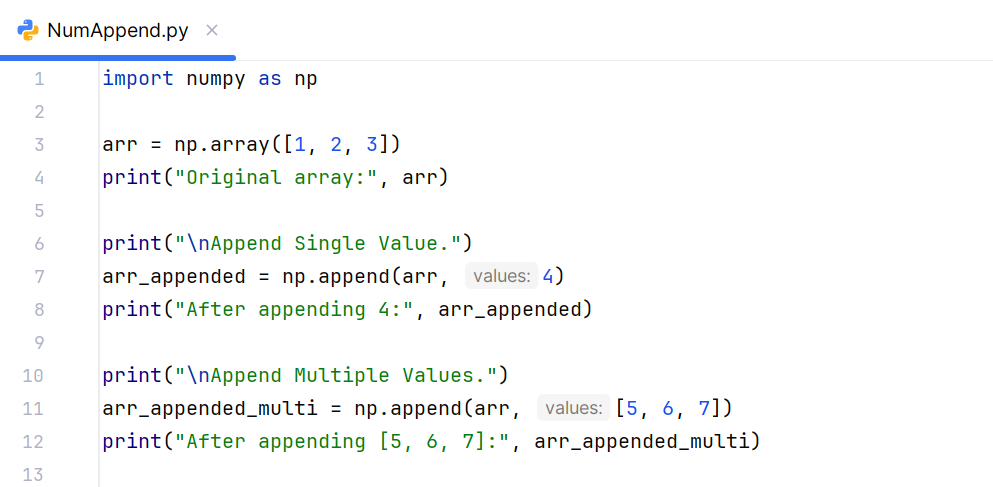
****

**Output:**

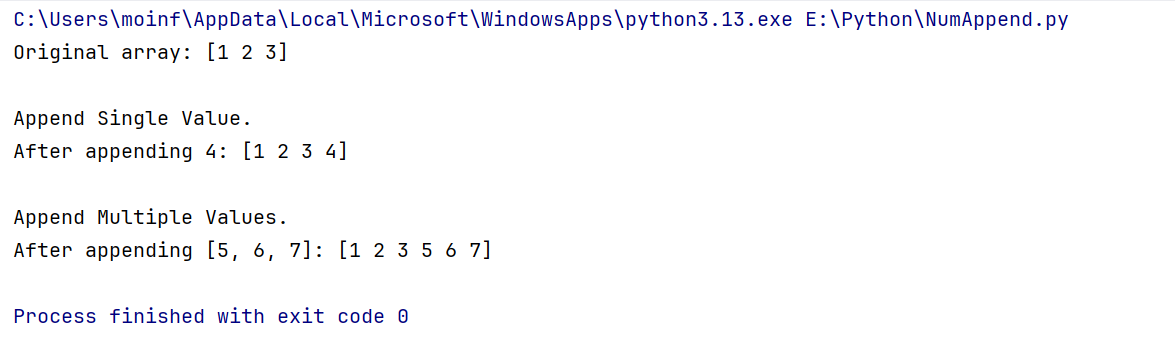
****

**B) Array Manipulation : Append, Insert, Resize, Delete**

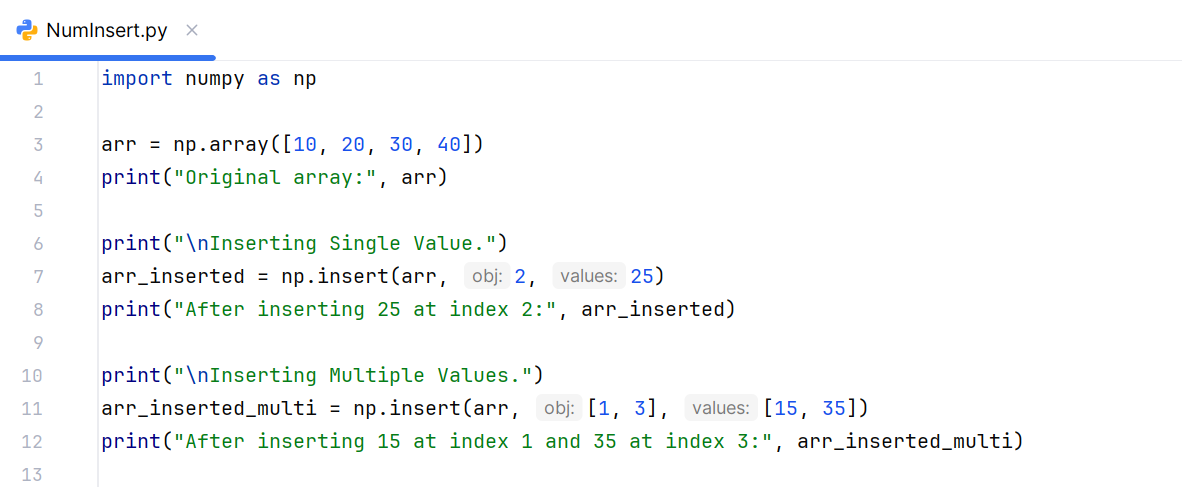
**Append:**

****

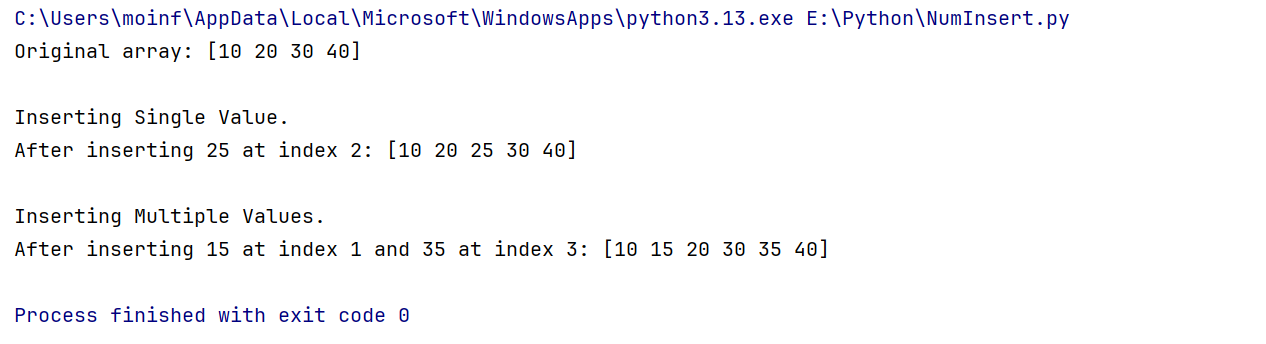
**Output:**

****

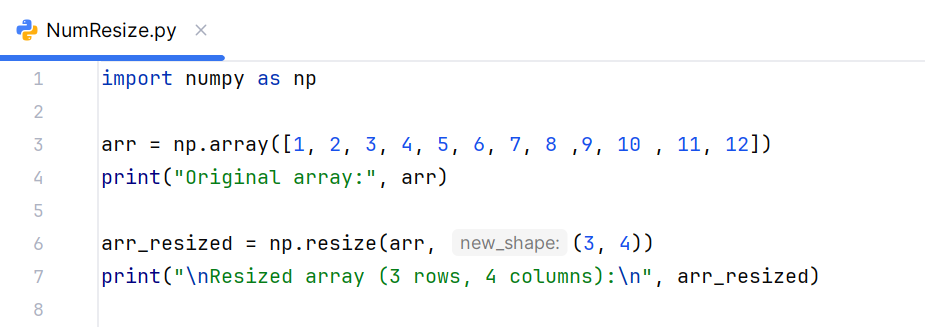
**Insert:**

****

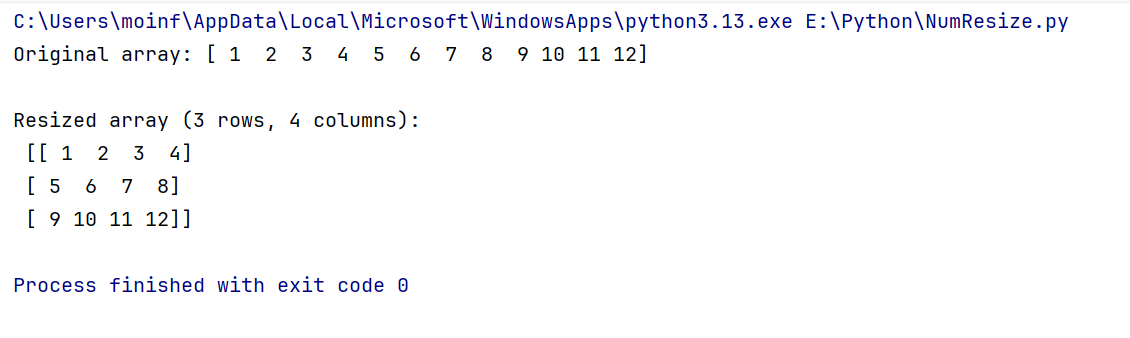
**Output:**

****

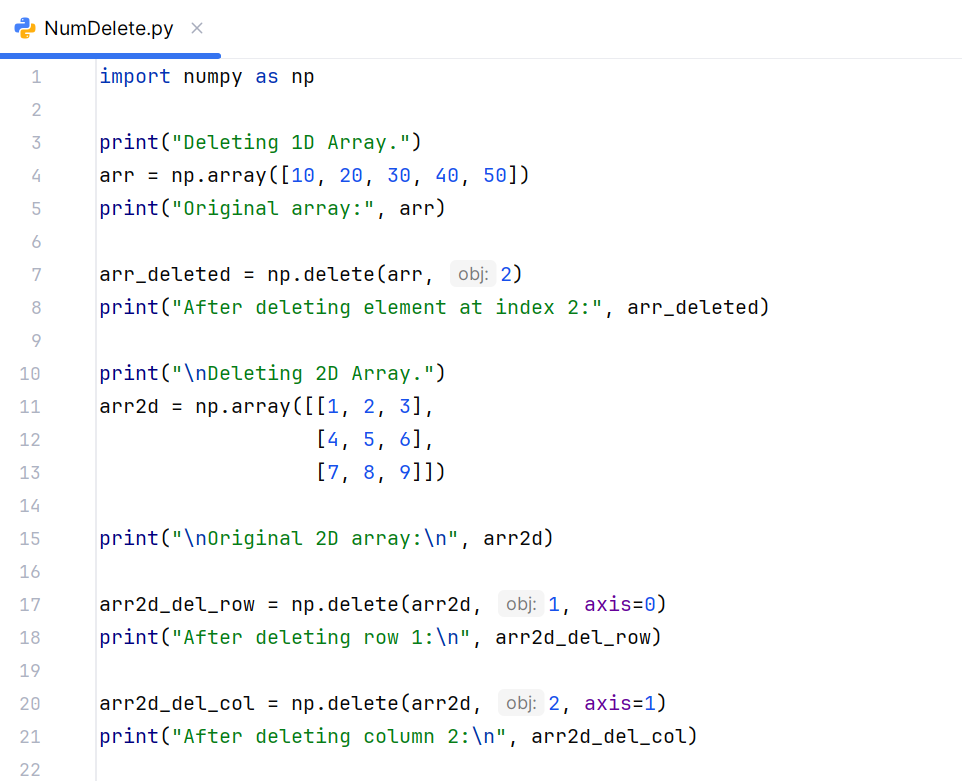
**Resize:**

****

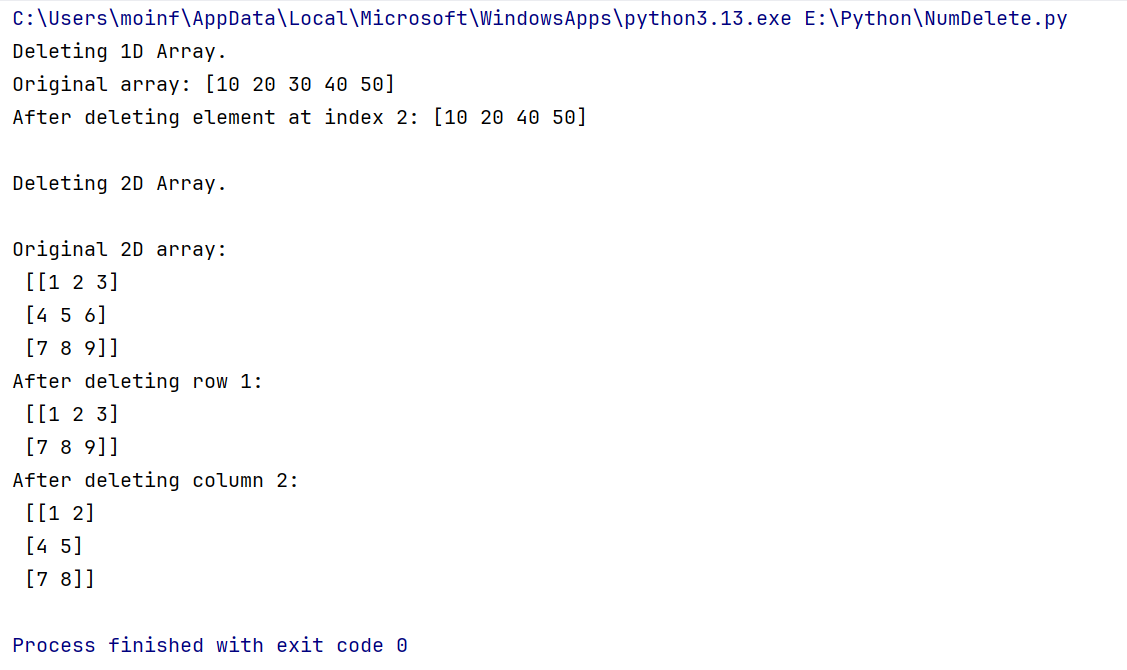
**Output:**

****

**Delete:**

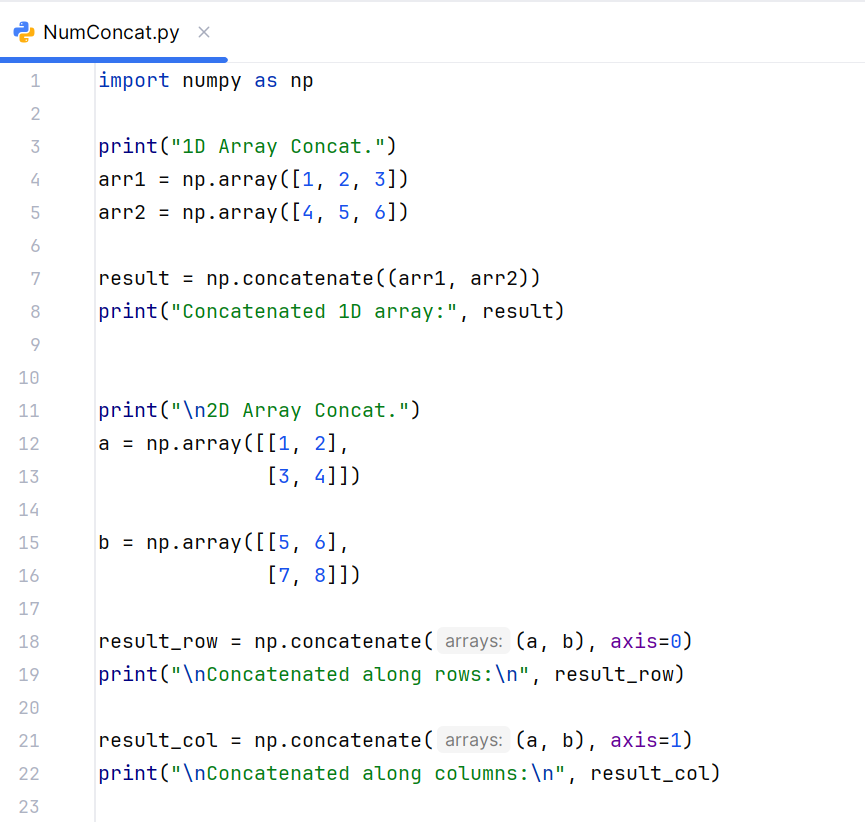
****

**Output:**

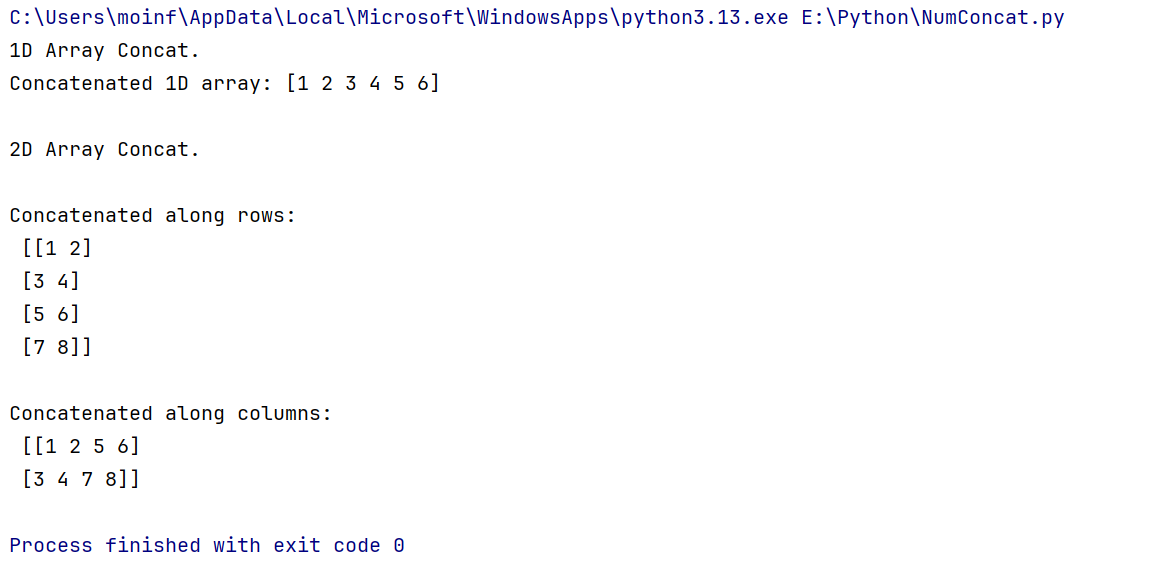
****

**C) Combining Arrays : Concat, Spliting Array**

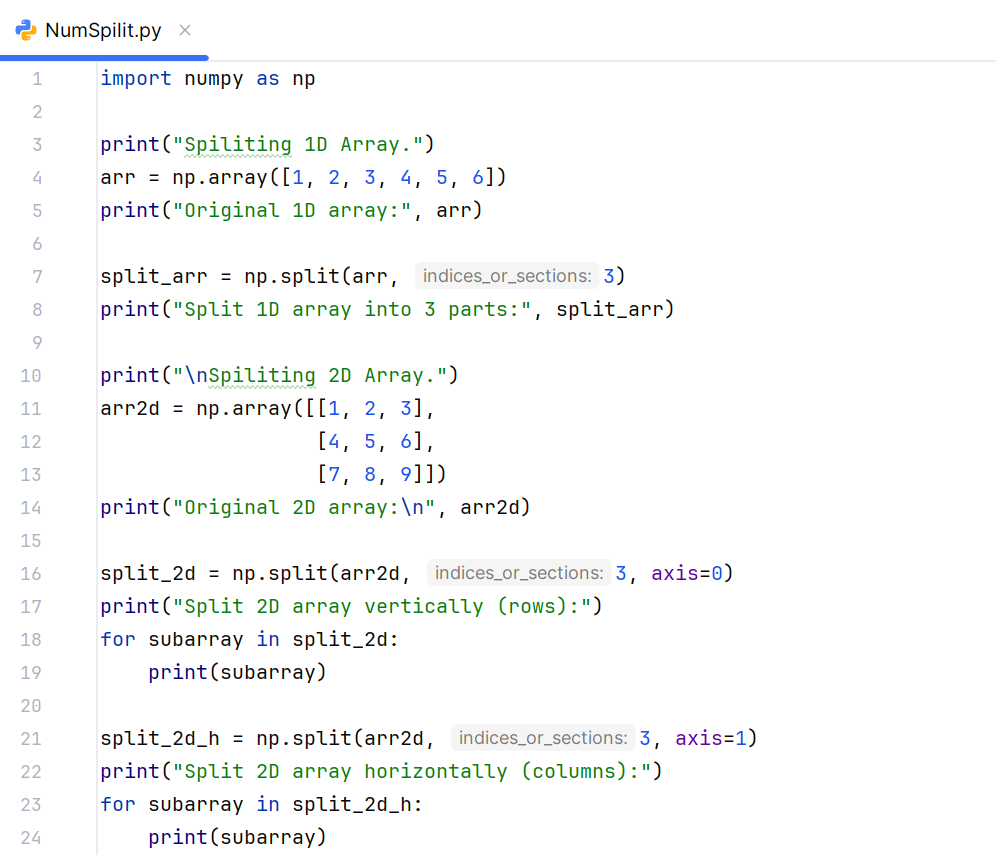
**Concat:**

****

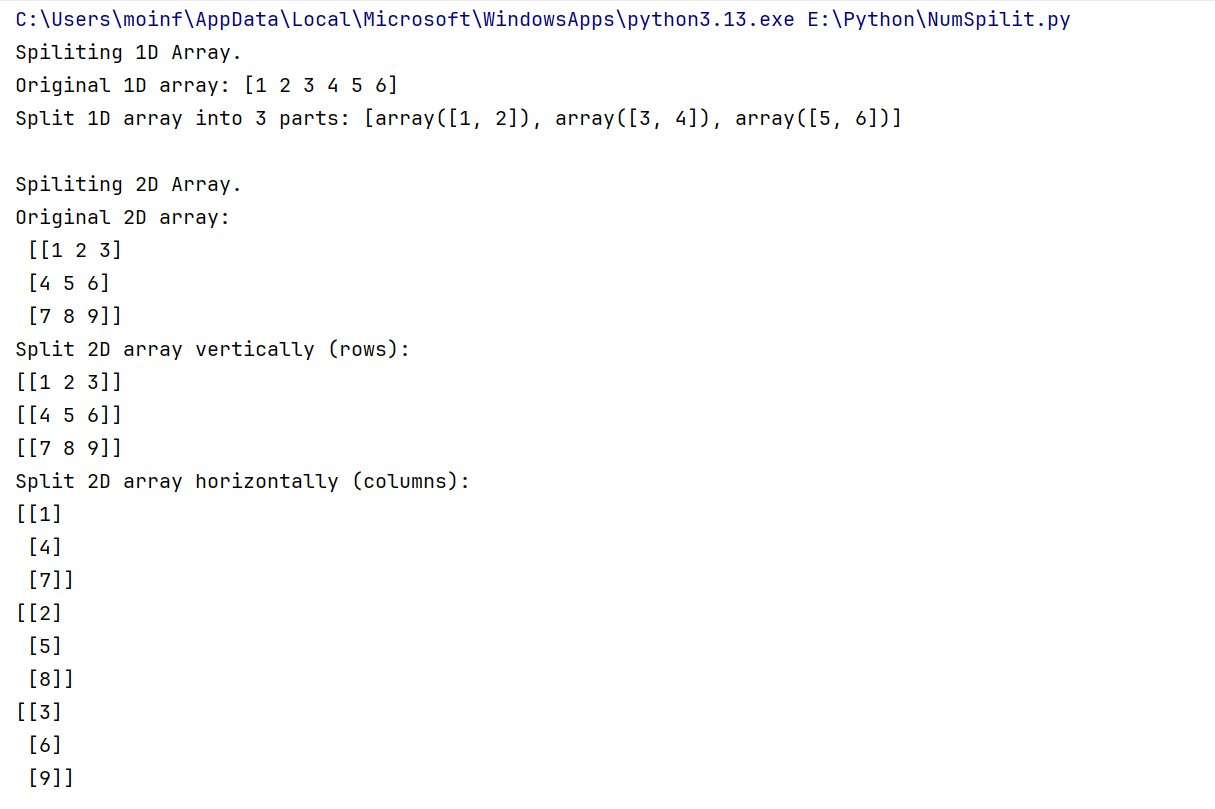
**Output:**

****

**Spiliting:**

****

**Output:**

****

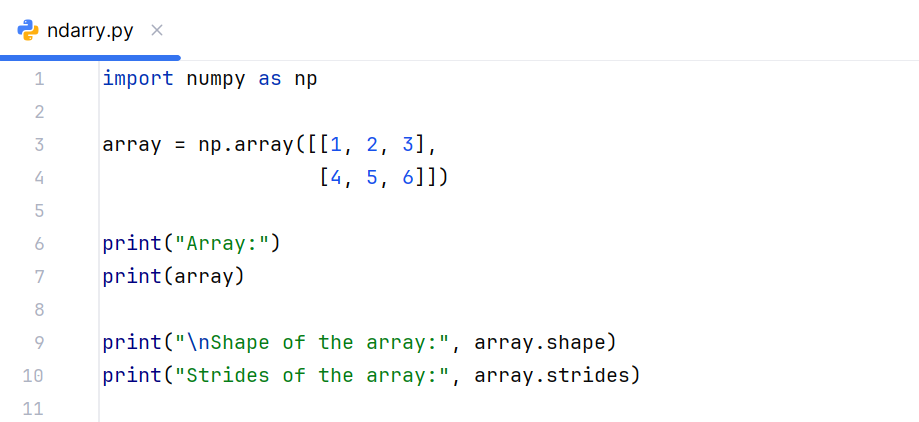
**Q.2) Write a program in ndarray :**

**A) Shape and Strides**

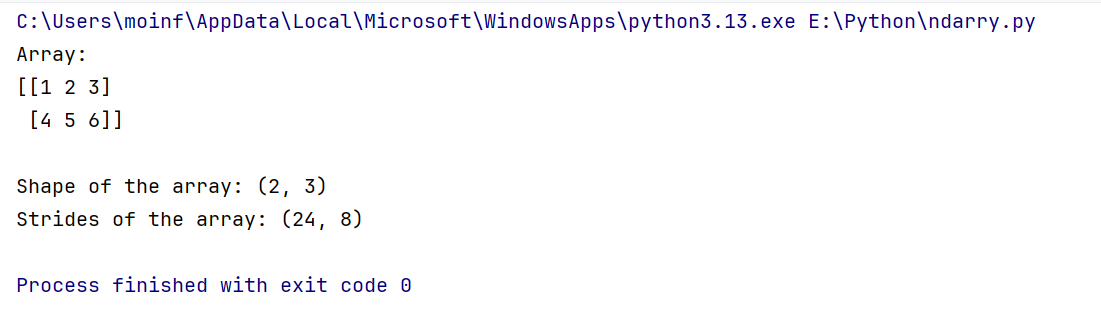
**B) Using Indexing**

**C) Slicing**

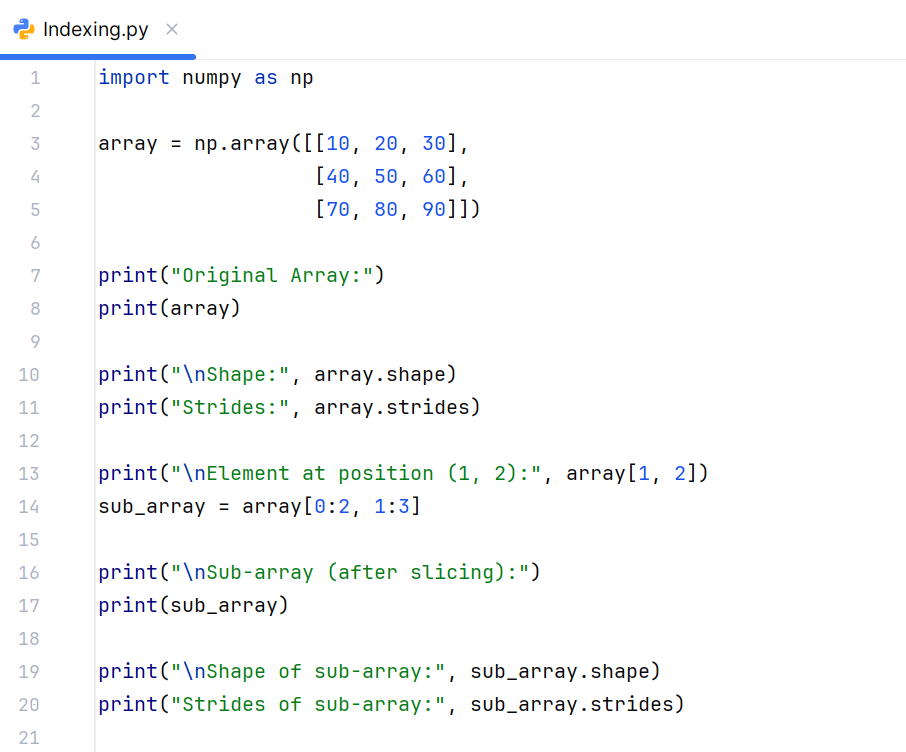
**A) Shape and Strides**



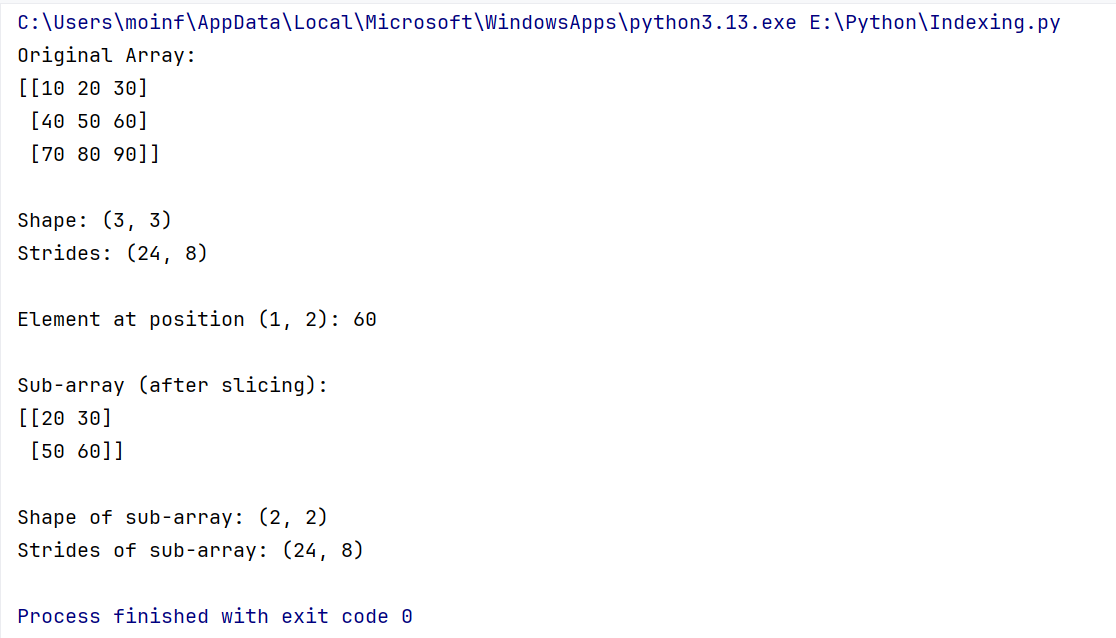
**Output:**

****

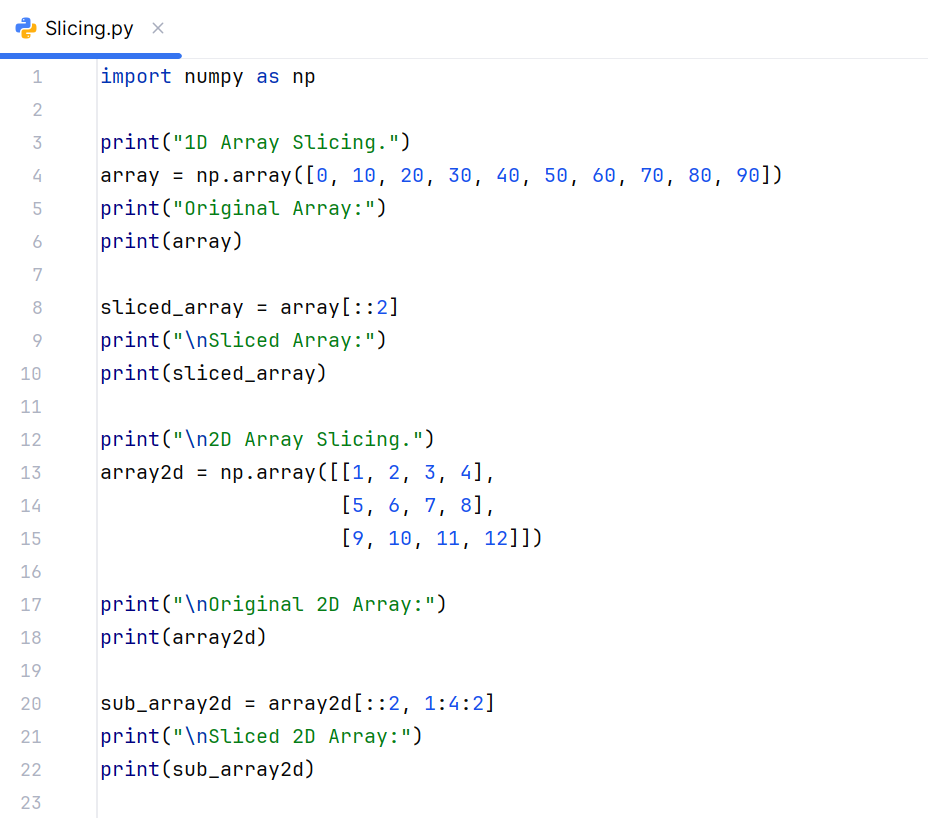
**B) Using Indexing**

****

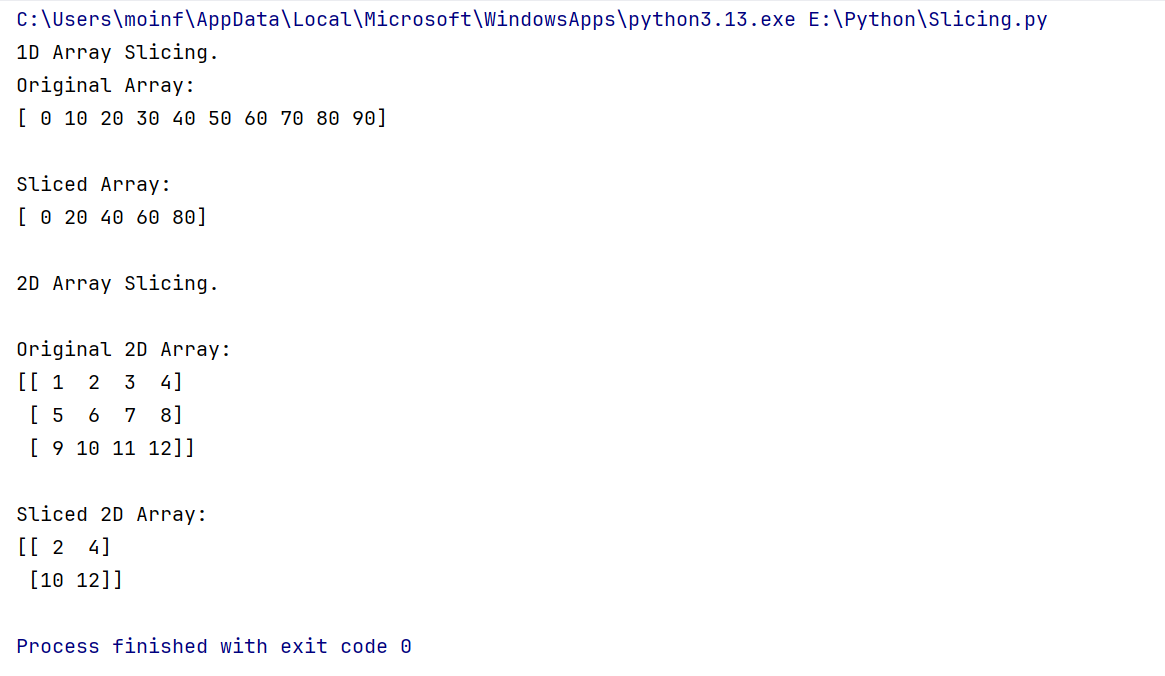
**Output:**

****

**C) Slicing:**

****

**Output:**

****