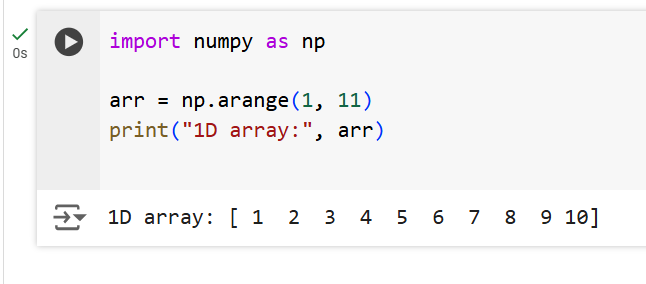
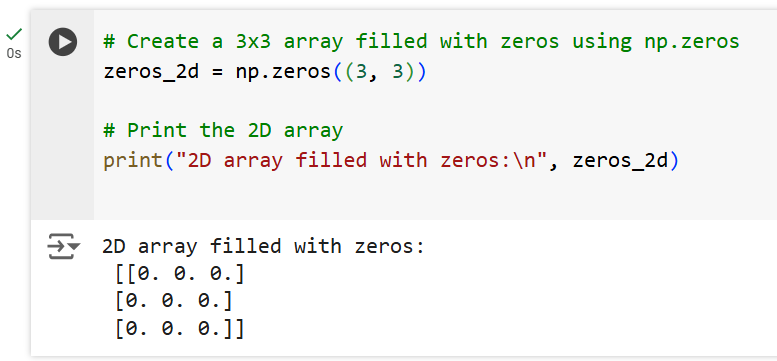
**LAB- 16 (Numpy)**

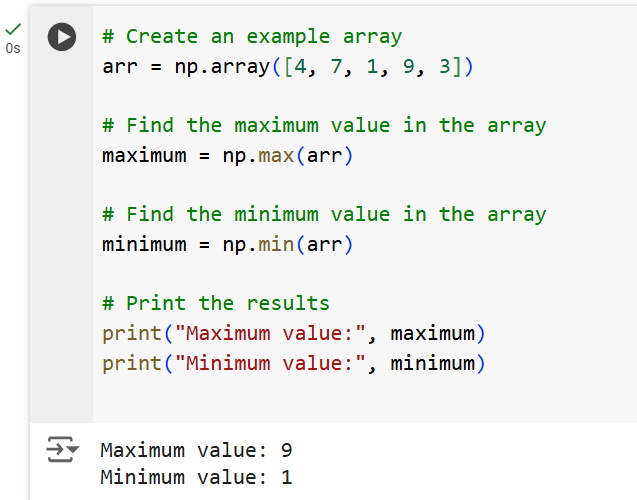
1. **Create a 1D array with elements from 1 to 10.**

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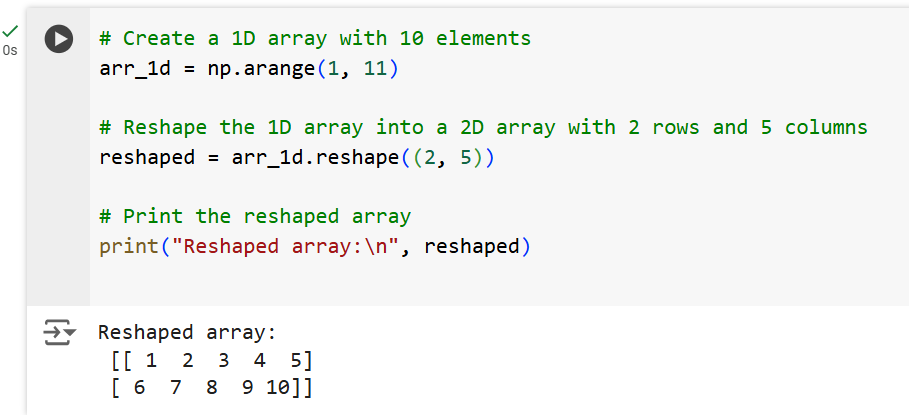
1. **Create a 2D array of size 3x3 filled with zeros.**



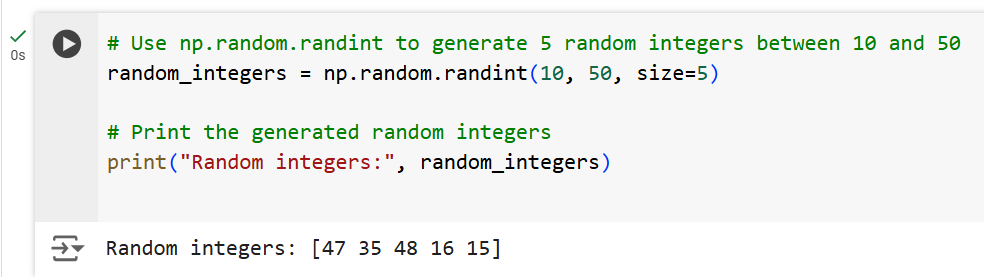
1. **Find the maximum and minimum values in an array.**



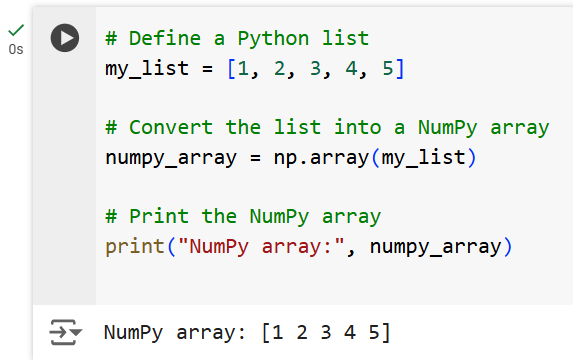
1. **Reshape a 1D array into a 2D array of shape 2x5.**



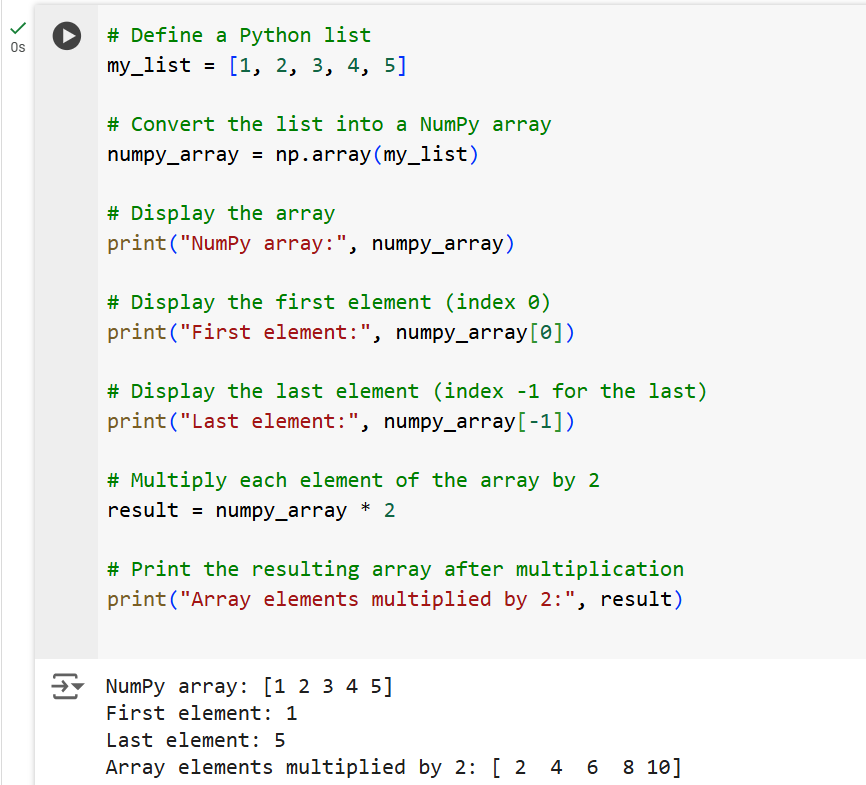
1. **Generate a 1D array of 5 random integers between 10 and 50.**



1. **Convert the below list into numpy array then display the array Input: my\_list = [1, 2, 3, 4, 5]**



1. **Convert the below list into a numpy array then display the array then display the first and last index and then multiply each element by 2 and display the result. Input: my\_list = [1, 2, 3, 4, 5]**

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