1. **Create a 4X2 integer array and Prints its attributes**
2. **Note: The element must be a type of unsigned int16. And print the following Attributes. The shape of an array.**
3. **Array dimensions.**
4. **The Length of each element of the array in bytes.**

5. **Create a 5X2 integer array from a range between 100 to 200 such that the difference between each element is 10.**

6. **Following is the provided numPy array. Return array of items by taking the third column from all rows**
7. **sampleArray = numpy.array([[11 ,22, 33], [44, 55, 66], [77, 88, 99]])**

8. **Return array of odd rows and even columns from below numpy array**
9. **sampleArray = numpy.array([[3 ,6, 9, 12], [15 ,18, 21, 24],**
   [27 ,30, 33, 36], [39 ,42, 45, 48], [51 ,54, 57, 60]])
10.

11. **Extract all odd numbers from arr**

    Input:

    arr = np.array([0, 1, 2, 3, 4, 5, 6, 7, 8, 9])
    Desired output:

    #> array([1, 3, 5, 7, 9])

12. **Create a null vector of size 10**

13. **How to find the memory size of any array**

14. **Create a null vector of size 10 but the fifth value which is 1**

15. **Create a vector with values ranging from 10 to 49**

16. **Create a 3x3 identity matrix**

17. **Create a 3x3x3 array with random values**

18. **Print the numpy version and the configuration**