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In [8]: #1.Create 3 diamentional array and do the slicing
         import numpy as np
         array=np.array([[10,20,30,65],[34,35,36,76],[24,25,26,28]])
         print("our 3D array is : ",array)
         after_slicing=array[0:2,1:4]
         print("our matrix after slicing is :",after_slicing)
        our 3D array is : [[10 20 30 65]
         [34 35 36 76]
         [24 25 26 28]]
        our matrix after slicing is : [[20 30 65]
         [35 36 76]]
In [14]: # 2.create 2 D array and do the slicing from end (use negative index)
         import numpy as np
         array=np.array([[40,23,45,67,12],[31,54,65,70,91],[57,61,89,65,92],[45,98,76,56,45]])
         print("our 2D array is :",array)
         after_slicing=array[-3:-1,-4:-1]
         print("afte negative slicing :" ,after_slicing)
        our 2D array is : [[40 23 45 67 12]
         [31 54 65 70 91]
         [57 61 89 65 92]
         [45 98 76 56 45]]
        afte negative slicing : [[54 65 70]
         [61 89 65]]
In [19]: # 3.Create 2D array and make a copy
         import numpy as np
         array=np.array([[12,13,14,15],[1,2,3,4],[5,6,7,8]])
         print("our original array is :",array)
         array_copy=array.copy()
         print("our copied array is :",array_copy)
        our original array is : [[12 13 14 15]
         [1234]
         [5 6 7 8]]
        our copied array is : [[12 13 14 15]
         [1234]
         [5678]]
 In [ ]:
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