

Program 9

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1 PROGRAM 9

Aim : Write a numpy program to test whether each element of a 1-D array is also present in a second array.

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```
[1]: import numpy as np
arr1=np.array([10,20,30,40])
arr2=np.array([10,15,20])
print("Array 1 :",arr1)
print("Array 2 :",arr2)
print("Comparison of each element of array1 with array 2 :",np.
      ↳in1d(arr1,arr2),".The elements are :",np.intersect1d(arr1,arr2))
```

Array 1 : [10 20 30 40]

Array 2 : [10 15 20]

Comparison of each element of array1 with array 2 : [True True False False]

.The elements are : [10 20]

```
[ ]:
```