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Task # 12


```python
15
16    print("-" * 80)
17
18    #  subtraction
19    print("Subtraction  using broadcasting")
20    result2 = arr1 - arr2
21    print(result2)
22    print("-" * 80)
23
24    print("Mutiplication  using broadcasting")
25    result3 = arr1 * arr2
26    print(result3)
27    print("-" * 80)
28
29    print("Division using broadcasting")
30    result4 = arr1 / arr2
31    print(result4)
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL
[Running] python -u "e:\Bytewise Fellowship\Task_12\code_files\Broadcasting_in_Numpy_Array.py"
[[1 2 3]
 [4 5 6]]
--------------------------------------------------------------------------------
[7 8 9]
--------------------------------------------------------------------------------
Addition  using broadcasting
[[ 8 10 12]
 [11 13 15]]
--------------------------------------------------------------------------------
Subtraction  using broadcasting
[[-6 -6 -6]
 [-3 -3 -3]]
--------------------------------------------------------------------------------
Mutiplication  using broadcasting
[[ 7 16 27]
 [28 40 54]]
--------------------------------------------------------------------------------
Division using broadcasting
[[0.14285714 0.25       0.33333333]
 [0.57142857 0.625      0.66666667]]

[Done] exited with code=0 in 0.335 seconds
```