

array and values are seperated program

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In [15]: import multiprocessing

def squared(numbers,result):
    for idx,n in enumerate(numbers):
        result[idx]=n*n
if __name__ == "__main__":
    numbers=[20,22,24,26,28,30]
    result=multiprocessing.Array('i',6)
    p=multiprocessing.Process(target=squared,args=(numbers,result))

    p.start()
    p.join()

    print(result[:])

[0, 0, 0, 0, 0, 0]
```

```
In [ ]: import multiprocessing

def squared(numbers,result,v):
    v.value=5.67
    for idx,n in enumerate(numbers):
        result[idx]=n*n
if __name__ == "__main__":
    numbers=[20,22,24,26,28,30]
    result=multiprocessing.Array('i',6)
    v=multiprocessing.Value('d',0.0)
    p=multiprocessing.Process(target=squared,args=(numbers,result,v))

    p.start()
    p.join()

    print(v.value)
    print(result[:])
```

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In [7]: numbers=[20,22,24,26,28,30]
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In [ ]:
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In [11]: result=multiprocessing.Array('i',6)
for iss,n in enumerate(numbers):
    result[iss]=n
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In [13]: result[:]
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Out[13]: [20, 22, 24, 26, 28, 30]
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In [ ]:
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