

5. Create two random arrays of the same size 10: Array1, and Array2. Find the sum of the first half of both the arrays and product of the second half of both the arrays

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In [ ]: import numpy as np
arr1 = np.random.randint(1,10,10)
arr2 = np.random.randint(1,10,10)
```

```
In [ ]: print("Original array1:")
print(arr1)
print("Original array2:")
print(arr2)
```

```
Original array1:
[7 6 1 9 8 2 1 2 9 3]
Original array2:
[8 6 4 3 3 3 2 1 9 4]
```

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In [ ]: print("Sum of the first half of both the arrays:")
print(np.sum(arr1[:5])+np.sum(arr2[:5]))
print("Product of the second half of both the arrays:")
print(np.prod(arr1[5:])+np.prod(arr2[5:]))
```

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Sum of the first half of both the arrays:
55
Product of the second half of both the arrays:
324
```