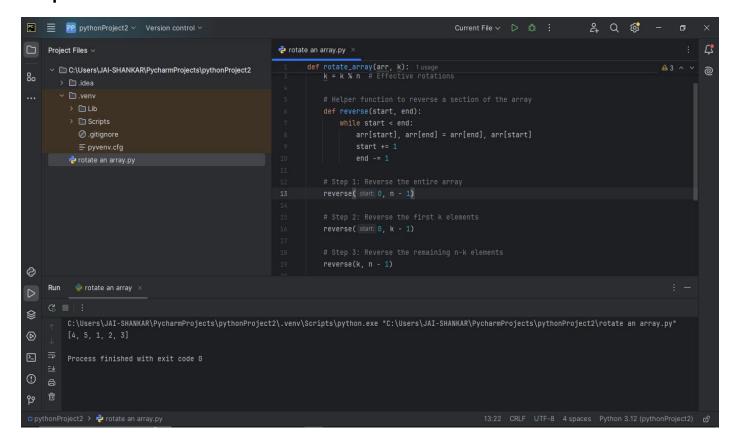
HATFD1030

Rotate an Array Right by K Positions Write a program to rotate an array right by k positions without using any built-in array or rotation functions. For example, rotating [1, 2, 3, 4, 5] by 2 would give [4, 5, 1, 2, 3]. Instructions: You should implement the logic manually for rotating the array.

Program:

```
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🔁 rotate an array.py 🗵
       def rotate_array(arr, k): 1usage
           n = len(arr)
           k = k % n # Effective rotations
           def reverse(start, end):
               while start < end:
                   arr[start], arr[end] = arr[end], arr[start]
                   start += 1
        🖁 # Step 1: Reverse the entire array
           reverse ( start: 0, n - 1)
           reverse( start: 0, k - 1)
           reverse(k, n - 1)
       rotate_array(arr, k)
       print(arr)
```

Output:



Drive link:

https://drive.google.com/file/d/1AF1fAIQghBJMEZu8O4dDcFPTgG2qr043/view?usp = drivesdk