Implement the following function:

void reverse(int \*ptr, int n);

Reverse the 1-dimension array given by a pointer.

Where:

ptr is a pointer to the first element in the array.

n is the size of the array.

Note: You need to use the dereference operator (\*) to get the values of the elements in the array. The subscript operator ([]) cannot be used.

**For example:**

| **Test** | **Result** |
| --- | --- |
| int arr[] = {1, 2, 3, 4, 5};  reverse(arr, sizeof(arr) / sizeof(arr[0]));  cout << arr[0];  for (int i = 1; i < sizeof(arr) / sizeof(arr[0]); i++)  {  cout << ", " << arr[i];  } | 5, 4, 3, 2, 1 |