Implement the following function:

int findMax(int \*ptr, int n);

Find and return the maximum element of a 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 ([]) isn’t allowed in your answer.

**For example:**

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