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//32 Copy one array to another
#include <stdio.h>

int main()
{
    //Initialize array
    int arr1[] = {1, 2, 3, 4, 5};

    //Calculate length of array arr1
    int length = sizeof(arr1)/sizeof(arr1[0]);

    //Create another array arr2 with the size of arr1.

    int arr2[length];

    //Copying all elements of one array into another
    for (int i = 0; i < length; i++) {
        arr2[i] = arr1[i];
    }

    //Displaying elements of array arr1
    printf("Elements of original array: \n");
    for (int i = 0; i < length; i++) {
        printf("%d ", arr1[i]);
    }

    printf("\n");

    //Displaying elements of array arr2
    printf("Elements of new array: \n");
    for (int i = 0; i < length; i++) {
        printf("%d ", arr2[i]);
    }
    return 0;
}

```

Output:

```

Elements of original array
1 2 3 4 5
Elements of new array:
1 2 3 4 5

```