Hey, when you pass array as a function in the caller, what happens is in the actual function only array pointer to the first element is passed as arrays are always passed by reference. Hence when you print its size only the size of \*int will be displayed which varies on machines. So you won’t get the size of the array as you declared in main function. But no worries as all your elements will be intact as they are stored in contiguous memory location and they can be accessed easily by moving in the array by the size of int i.e. \*arr+1 will take you to second element and so on as the difference between the L-Value of two contiguous memory location is 4 byte(size of int) in this case. Hence, it is advised always to pass the size of function also in the function call then you can print the size of array in the function as sizeof(arr)\*n (where n is the size of array). This will give you the size of entire array

Hope, this helps you…

Do tell if you have further doubts