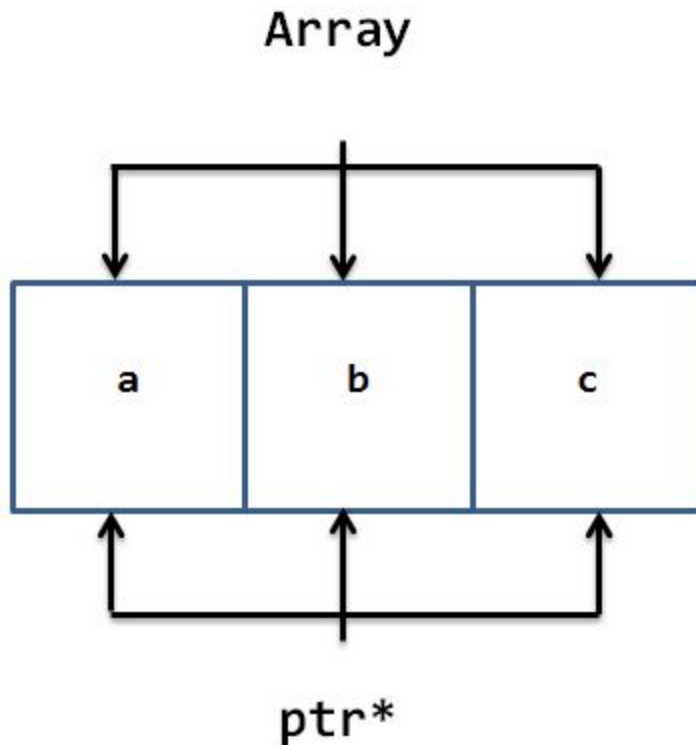


## char pointer and char array

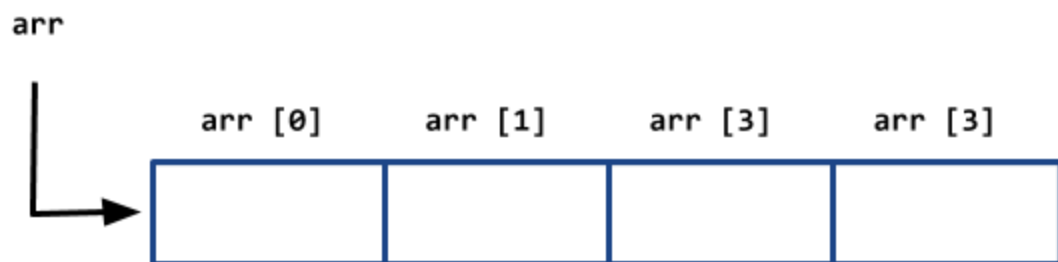


Arrays are closely related to pointers in C programming but the important difference between them is that, a pointer variable takes different addresses as value whereas, in case of array it is fixed.

## Words

<b>Char</b> (It is short for character)	is used as a reserved keyword in a number of programming languages, such as C, C++, C#, and Java.
<b>variable</b>	is nothing but a name given to a storage area that our programs can manipulate
<b>value</b>	the representation of some entity that can be manipulated by a program
<b>address</b>	a location of data, usually in main memory or on a disk
<b>execute</b>	same as run, to perform an action or command

## Relation between Arrays and Pointers



*Array* as pointer.

In C programming, name of the array always points to address of the first element of an array.

In C, you can declare an array and can use pointer to alter the data of an array.

### **Vocabulary exercise:**

Fill in the blanks.

1. is nothing but a name given to a storage area that our programs can manipulate

Answer:    a          b      

2. same as run, to perform an action or command

Answer: e                e

3. a location of data, usually in main memory or on a disk

Answer:       d            

4. is used as a reserved keyword in a number of programming languages, such as C, C++, C#, and Java

Answer:          r

5. the representation of some entity that can be manipulated by a program

Answer:       l

### Speaking Activity:

What is the difference between an array and a pointer?

### English Trivia:

The word '**alphabet**' comes from the first two letters of the Greek alphabet:**alpha**, **beta**