1. What is an array structure and how does one work? Please include all syntax verbiage such as elements, index position numbers, and initialization in your response.  Are there any advantages or disadvantages of using them in a program?

* An array is a collection of data grouped together to one variable
* Int k[2] = {14,25}

1. How do we use a character array to store and manipulate strings? Be sure to discuss the string termination character, specific conversion specifiers, and repetitious processes.

* Char name[] = ‘kourtni’
* This is string literal, the null operator “\0” is automatically included in this form

1. What is a multi-dimensional array? Provide a real world example of when you might use one.

* A multi-dimensional array is an array within an array
* You might use one of these to see how 10 students dud on 3 types of tests

1. What is a pointer? Discuss the operators that are used with a pointer that perform tasks such as returning values, addresses, and displaying output.
2. Explain how pointers are used in functions to pass arguments by reference.
3. Take the 40 off the end of the array
4. Array needs to be initialized
5. There needs to bee a null character at the end of the array and the index needs to be 6 to be able to hold. Or this can be put in string literal form
6. Pointer needs to be set to = a
7. aPtr needs to be changed to \*aPtr