

Arrays and Pointers Exercises

- What happens when the name of an array is used where the compiler expects to see a pointer?
- Explain what is meant by an array index
- Explain what is meant by a pointer offset
- What is the relationship between these two concepts?

- What happens when a pointer to an array element is incremented?
- What happens when a pointer to an array element is decremented?

- Write a simple program which uses pointers to iterate over the elements of an array
- When should you terminate the iteration?
- Describe how you would decide when to stop iterating over
 - An array
 - A C-style string