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Activity 1:

1. Static Storage, Hemp, Stack

2. a. 3 variables

b. 2 pointers, 1 pointer is pointing to the integer and the other to another pointer

ptr -> address of array that holds ints, and handle -> address of array that holds pointers

c. the stack, every local variable is in the stack

d. the heap

3. and 4.A close up of text on a white background

Description automatically generated

Activity 2:

1. NodeStruct.c creates pointer to node struct

2. printf("The value of head is %p\n", head); printf("The address of head is %p\n", &head); printf("The address of iValue is %p\n", &head->iValue); printf("The address of fValue is %p\n", &head->fValue); printf("The address of next is %p\n", &head->next);

3. The addresses are taking up 4 bytes and are 4 bytes away from each others