HW04 Short Answer Questions

1. In Java arrays are objects that hold data and length and has checks for indexes to ensure that the data is valid. In C++ Arrays are chunks of memory that do not hold both data and length, length must be tracked separately and the parameters must also be checked independently to make sure that it does not read or write data outside the scope of the array.
2. \*(list+6)

5) f(a+2, 4)

6) there is no \0 for the end of the string

Outside the loop it should have “copy[i] = ‘\0;”

13) Data allocated on the stack is destroyed when variables go out of scope, but data allocated on the Heap remains until it’s deleted.