# Question 2

The macros call in the function \_rabbit\_hole for 4 different data types, int, long, float and double. The header file declares only one function which is defined in the source file.

The function is basically an implementation of the binary search algorithm. The array to be sorted is **void \*list**, which has total size defined by the **amount** argument and each element has size defined by the **size\_t size** argument. One particular line is the following:

uc=(unsigned char\*)list;

There might be a possible loss of data with such conversions.