#ifndef CMSC257\_A1SUPPORT\_INCLUDED

#define CMSC257\_A1SUPPORT\_INCLUDED

////////////////////////////////////////////////////////////////////////////////

//

// File : cmsc257-s17-assign1-support.h

// Description : This is a set of general-purpose utility functions we use

// for the 257 assignment #1.

//

//

// Functional Prototypes

int float\_display\_array(float \*arr, int n );

// This function prints out the array of floating point values

int integer\_display\_array(int \*arr, int n );

// This function prints out the array of integer values

int float\_evens(float \*arr, int n );

// Return the number of even numbers in the array (float version)

int integer\_evens(int \*arr , int n);

// Return the number of even numbers in the array (int version)

int countBits(int integer);

// Count the number of '1' bits in the binary representation

int \* most\_values(int \*arr, int n, int max);

// Print out the values with the most occurences in array

// Since it has to return " value(s)" I Changed the method too retun an arrya of numbers there is no other way to

// return more than one value

unsigned short reverseBits(unsigned short in);

// Reverse the binary bit string

void binaryString(char \*str, int size, int number);

// Print the binary equivalent of the number passed

void integerQuickSort(int \*arr,int l, int r);

// Sort the integer array using QuickSort algorithm

// int converFloat

#endif // CMSC257\_A1SUPPORT\_INCLUDED