Programming Exercise #3

1. Write a program that accepts the name of a file as input. The program must print the file size to the console. The output should look something like this:

> filesize filename.txt

The file 'filename.txt' is 678 bytes in size.

Copy the .c file from your project and turn it is as HW3_1.c.

2. Write a program that accepts the name of the file as input and prints the contents to the console window. The program must open the file, read the contents as a string, and print the string to console.

Copy the .c file from your project and turn it is as HW3_2.c.

3. Write a program that accepts the name of the file as input and dumps the binary content to the console window. The program must open the file and read the contents of the file into a buffer in a loop until the end of the file is reached. The program must print the contents of the file in hexadecimal form.

Copy the .c file from your project and turn it is as HW3_3.c.

4. Write a program that reads a string from the user and writes the string to a file called output.txt.

Copy the .c file from your project and turn it is as HW3_4.c.