Exercise 06 - Header Files

Create a header file with header guard for each problem such that its name is in the format

'HFOx.h'

where x is the problem number.

1. Define a double function named `Range()` that takes a double array parameter and an integer parameter. Given that the integer parameter represents the array parameter size, it returns the difference of the minimum value from the maximum value of the array.

2. Define a double function named `Average()` that takes no parameters. It continually prompts the user to enter a value until the input is not positive. Afterward, it returns the average of the values read excluding the invalid value.

3. Define a void function named `Copy()` that takes a fstream reference parameter. If the parameter is an open file, displays the content of the file.