CPSC 441- Assignment 1, Name: Farica Mago, UCID:30111924

1. **How did I implement Step4 (Read the input file and write to the socket)?**

   The override function **run()** in class **SWriting**, which implements **Runnable**, performs step 4 of program 2. In this function, an **InputStream** object **(inStream**) and an **OutputStream** object(**outStream**) is created. A parameter called **numBytes** is used to keep track of bytes written into the socket. A while loop is run until the end of file is reached and bytes are read from the file(using **inStream** object), and inside this while loop, we use **outStream** object to write the bytes which are read from the file to the socket. Inside the while loop it also, displays the message to inform that the file has been written and the number of bytes written. Also the **OutputStream** and **InputStream** and **socket** are closed after this operation.

2. **How did I implement Step4 (Read from the socket and write to the output file)?**

   The override function **run()** in class **SReading**, which implements **Runnable**, performs step 5 of program 2. In this function, an **InputStream** object **(inStream**) and an **OutputStream** object(**outStream**) is created. A parameter called **numBytes** is used to keep track of bytes read from the socket. A while loop is run until the end of file is reached and bytes are read from the socket(using **inStream** object), and inside this while loop, we use **outStream** object to write the bytes which are read from the socket to the output file. Inside the while loop it also, displays the message to inform that the file has been written and the number of bytes written. Also the **OutputStream** and **InputStream** and **socket** are closed after this operation.