**List of Files:**

**Assignment1.docx** – This is the file which contains the answer to all the theoretical questions of the assignment and general documentation and source code listing for all the four questions.

**Self-Diagnosis.docx** – The file contains a statement giving following details for each requirement of the question: what have been fully completed and working, and what have been fully completed but not fully working, and what are not been fully completed or not attempted.

**List of files.docx** – It is the file which contains the purpose of each file attached in the zip file.

**Under directory /q2**

**executable/q2.o –** It is the file executable output of the program memory.c.

**q2.c** – This is the completed source code for the program memory.c given in the assignment.

**q2\_output.txt** – This is the output listing when the memory.c was completed and compiled on the ceto server.

**q2\_nm\_sizes.txt** – This file is the output of command line **nm -S -t d q2.o** to get the sizes of the functions which have also been verified by subtracting the memory addresses of the preceding function on the table.

**Under directory /q3**

**executable/childProcess** – It is the executable for program childProcess.c

**childProcess.c** – It is the source code solution.

**tests/q3\_test\_output.txt** – It is the test output to verify the screenshots attached in the Assignment.docx (in the folder root).

**Under directory /q4**

**executable/myls –** It is the executable for the program myls.c

**source/myls.c** – It is the source code which has also been listed in the assignment1.docx.

**newFile** – It was the file on which part of the testing was conducted for demonstration of myls.c

**q4\_output.txt –** It is the file which has the output listing copied from the terminal.