**Assignment 8  
Student ID:** 901142  
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A screen shot of a computer program

Description automatically generated**Source code:**

Figure : Source code part 1.

A screen shot of a computer program

Description automatically generated

Figure : Source code part 2.

**A screenshot of a computer program

Description automatically generatedTest case 1:** Valid file

Figure : Test case when user enters valid file name.

**A screenshot of a computer

Description automatically generatedTest case 2:** Non-existent File

Figure : Test case when user enters the file name that doesn’t exist.

**A screenshot of a computer program

Description automatically generatedTest case 3:** File is empty

Figure : Test case when user enters the file which is empty.

**A screenshot of a computer program

Description automatically generatedTest case 4:** Case Sensitivity

Figure : Test case when user case-sensitive file name.