Critical Thinking File Structures and Exception Handling:

1.
No because a file is a collection of data that is stored on a persistent/long lasting medium which does not include memory.

2.
import java.io.File;

3.
They forgot to put another \ after c:\

4.
a)
The try-catch-finally statement.

b)
```
File textFile = new File("c:\\supplies.txt");


if (textFile.exists())
{
        System.out.println("This file already exists.");
}

else
{
        try
        {
                textFile.createNewFile();
                System.out. println("New file created successfully.");
        }


        Catch (IOException e)
        {
                System.out.println("File could not be created");
                System.out.println("IOException: " + e.getMessage());
        }
}
```
5.

a)

The err stream.

b)

The messages are displayed on the screen.

7.

The FileWrite and BufferedWriter classes write data to a file.

8.

```
try
{
        dataFile = new File(fileName);
        in = new FileReader(dataFile);
        readFile = new BufferedReader(in);

        while((balance = Double.parseDouble(readFile.readLine())) != null)
        {
                totalBalance += balance;
        }
}
```