

## Chapter 11 CRT Questions 1-5, 7-8

1. A file stores and loads data when called, memory stores and loads data, it can be called a file.

2. **import** java.io.\*;

3. Used a single slash instead of a double slash in the path of the file.

4. a) try and catch statements. Use the catch to catch the errors

b) **catch** (IOException e)

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

5. a) err stream

b) Displays message on screen / output, the console

7. CreateDataFile class and Scanner class

8.

**double** bal, doubleBal, totalBalance;

```
in = new FileReader(dataFile);  
readFile = new BufferedReader(in);  
  
while((bal = readFile.readLine()) != null)  
{  
    bal = readFile.readLine();  
    doubleBal = Double.parseDouble(bal);  
    totalBalance += doubleBal;  
}  
  
in.close;
```

```
{ "!", "@", "#", "$", "%", "^", "&", "*", "(", ")",  
  "-", "_", "=", "+", "{", "}", "[", "]", "|", "\\",  
  ".", ":", ";", "\", "<", ">", " ", "\t", "\n", "\r",  
  "\\", "~", " ", "\t", "\n", "\r"  
};
```