Guide Chapter 10
File Input/Output

1. Introduction
   ```
   import java.io.File;
   import java.io.FileWriter;
   import java.io.PrintWriter;
   import java.util.Scanner;
   ```
2. File Input
   - Use `Scanner` class, but associate `Scanner` object with a file
     ```
     Scanner inFile = new Scanner(new File("grades1.txt"));
     ```
3. File Output
   - Use `PrintWriter` class
     ```
     PrintWriter outFile =
             new PrintWriter(new FileWriter("outs.txt"));
     ```
   - Sample `PrintWriter` methods
     ```
     close()
     print(datatype)
     println(datatype)
     ```
   - Where `datatype` may be:
     - `boolean char char[] double float int long Object String`

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File Input/Output (cont'd)

4. File Input and Output Using an Array
   - demoInputFileAndOutputFile.java
5. Specifying the File Location
   - For this course
     - Put input file in same folder as source code file
     - Output file will be put in same folder as your source code file
   - Can supply a pathname to a file in a different folder location
6. Complete Programs: Implementing File Input and Output

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