Exercise on NodeJS Modules [Core Module & Local Modules] and Buffers

1. Write a Node Snippet to export and import
   a. A function which shows the current system date and time [DateTime.js].
   b. A function called as a lion using function expression, body containing roar in it [Animal.js].
   c. Create a [App.js] using both DateTime and Animal By Importing its functionality.

2. Write a Node Snippet to make use of http module
   a. To Create a Server which takes req and res
   b. Body Containing a Welcome Message with Current System Date and Time.
   c. Listening on a Port 3000

3. Write a Node Snippet Read Data from TextFile with Streams

4. Write a Node snippet to

   a. Create a buffer of size 256.
   b. Write a Content Stating (' Node JS is Simple ') to it
   c. Return the octets Wrote on to the Buffer.

Exercise on NodeJS File Modules

1. Write a Node Snippet to
   a. Listing Directory Contents.
   b. Copying files using piping streams.
   c. Reading data from file synchronously.

2. Write a Node Snippet to make use of fs module
   a. To Check Permissions of a File or Directory
   b. To Check if a file or a directory exists.
   c. Listening on a Port 3000

3. Write a Node Snippet to determine the line count of a text file.

4. Write a Node Snippet Writing to a file using writeFile or writeFileSync.

5. Write a Node snippet
   a. Changing contents of a text file
   b. Deleting a file using unlink or unlinkSync