***Backend-Assignment Week 2***

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***Exercise 3***

**Q1 –**  We need to listen to both data and end event when handling POST because :  
- the request body is split into different chunks so it send to us many times before its completed, so we need to listen for data event when the chunk that got sent to us is not completed yet. Then once the request body is completed, the end event fires and the code in end event get excuted.

**Q2 –**  If we didn’t buffer the request body correctly, data might be sent in non-completed stage. cause corruptions, memory leaks.

**Q3 –**  The format of form submission when using default browser form post is “application/x-www-form-urlencoded”, which sends data as key-value pairs separated by “&” characters, with keys and values separated by =. Special characters are URL-encoded.

**Q4 –**  We use fs.appendFile instead of fs.writeFile to add new data to file beause fs.writeFile would overwrite the file and cause data that was written in the file to be lost.  
  
**Q5 –**  This could be improved or made more secure by adding error handling or use build in framework that help reduce redundant code, and made to be more secure.