

## JOURNAL ENTRY #13 ASSIGNMENT

As mentioned in class, you are required to collect two types of documents for Project #2:

1) a commonly given reading/writing/research assignment required in your academic major/field and/or a writing document commonly used in the job field that you wish to join

- **Specifications for hardware/software:** <https://www.opencompute.org/>
- **Homework assignment from CSC 130 Data Structures and Algorithm Analysis:**  
<https://github.com/matt2ology/csus-computer-science-csc/blob/main/csc130-data-structures-and-algorithm-analysis/assignments/assignment2-BasicBinaryTree/Assignment2-BasicBinaryTree-CSC130-Fall2019.pdf>

2) **a scholarly journal article related to your academic discipline:** One of many subdivisions of my academic discipline is Cryptography... The Design and Evolution of OCB

<https://link.springer.com/article/10.1007/s00145-021-09399-8>

Please answer the questions below to help you analyze both documents' genres. Be sure to include TWO genre analyses in this assignment.

### Questions about Writing Situation

#### Writer

1) **Who typically writes this type of text/document?**

Academics, doctorates, and/or professors who have domain knowledge on the given topic or sub discipline of Computer Science.

2) **What is the writer's general purpose of writing the text/document?**

- 1) To demonstrate fundamental logic of data structures
- 2) Provide a bases to the design and evolution of a particular authenticated encryption mode of operation for cryptographic block ciphers

3) **What information/points/ideas/messages does the writer need to present in this type of text?**

The logical structure or logical proof to demonstrate the mechanics of operation.

4) **What research activities does the writer need to do to be able to present the appropriate information?**

To have the academic fundamentals and proficiency to code.

#### Reader

1) **Who typically reads this type of text/document?**

Industry professionals who want to apply the core fundamentals and/or apply theory to a particular instance or application.

2) **What prior knowledge and background information does the reader need to be able to understand the information presented in this type of text?**

General fundamentals of logical flow and code.

### **3) What information does the reader usually expect to receive from this type of text?**

Knowledge in understanding ways to represent information and data.

**Questions about Features of Medium** <https://www.opencompute.org/>

#### **1) What is this text/document typically called?**

<https://www.opencompute.org/>: Specification documentation

#### **2) How is the information/message organized/structured/formatted in the text? (Why should the text be written this way?)**

It's formatted in this manner, so that both academics and industry may contribute and/apply specifications to a targeted hardware or software product.

#### **3) What graphics/ special visual features are presented in the text? Why is there a need to use the graphics?**

Typically, minimal graphical elements and only use graphics to help articulate an idea or concept.

#### **4) What discourse-community-specific words (jargon; terminology) are used in the text? What are the meanings of the words? Why are they important?**

One small example would be "SSD" which stands for "Solid State Storage". It's important for it articulates the underlying technologies, computer component, the connections to the computer, and expected physical properties.

**Questions about Genre Significance**

#### **1) Why do people in your discourse community frequently use this type of text/document? *(If scholarly journal articles are not commonly used in your field, you can focus on the research style/process presented in the article and discuss why the research style/method is important for your field.)***

Academics and doctorates to find new ways or improving constructing and analyzing protocols that prevent third parties or the public from reading private messages.

#### **2) How is this type of text/document related to the culture/belief/value of your discourse community?**

The belief and value that one's data should be private and owned by it's creator.