**CYB220 – HW 4 - Function Audit Log**

Due: Friday Nov 8th, 2024, 11:59 pm

Turn in: this report.

Points: 40pts

Homework Requirement:

In this homework, you will practice logging three functions.

**find\_node\_by\_key()**

**parse\_command()**

**count\_bst\_stats()**

You need to finish a function audit log for each of the functions. Overall, you should turn in **3** function audit logs.

Note: Do not try to compile the program (it cannot be compiled!). Only work with the source code.

Note: More details can be found in the textbook Software Security Assessment, chapter 7.

**See the next page for the function audit log template**

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| --- | --- |
| Category | Notes |
|  |  |
| Function Name &  Prototype |  |
| Description |  |
| Location |  |
| Cross References |  |
| *Return Value* | |
| Return Value Type |  |
| Return Value Meaning |  |
| Error Conditions |  |
| Erroneous Return Values |  |
| *Function Arguments* | |
| Argument 1 prototype |  |
| Argument 1 meaning |  |
| Argument 2 prototype |  |
| Argument 2 meaning |  |
| Implications |  |
| *Access to global variables and reference arguments* | |
| Access to global variables |  |
| Access to reference arguments |  |
|  |  |