# HIGH SCHOOL - CODING & PROGRAMMING

**Demonstration Rating Sheet**  ☐ **Preliminary Round**  ☒ **Final Round**

(Mark one score per row **AND** write score in the Points Earned column.  Use Tie Breaker column to add or subtract points to break ties.)

| Program Readability | Not Demonstrated | | Below Expectations | | Meets Expectations | | Exceeds Expectations | | Points Earned | Tie Breaker |
|---|---|---|---|---|---|---|---|---|---|---|
| Appropriate identifiers used for variables, constants, arrays, objects, etc. | Identifiers not used | | Identifiers are used for programming elements but are incorrectly placed | | Identifiers are used and are accurate in all instances | | Identifiers exhibit an advanced knowledge of programming | | | |
| | 0 | ○ | 1-7 | ○ | 8-14 | ○ | 15-20 | ○ | 18 | |
| Commentary provided is readable, useful, and complete | No commentary provided | | Commentary provided but is not logical | | Commentary provided assists the user throughout the demonstration | | Commentary provided is logical, useful, and complete | | | |
| | 0 | ○ | 1-7 | ○ | 8-14 | ○ | 15-20 | ○ | 15 | |
| Program documentation is readable, useful, and complete | Program documentation not provided | | Program documentation contains errors | | Program documentation is error free | | Program documentation invites use of advanced features | | | |
| | 0 | ○ | 1-3 | ○ | 4-7 | ○ | 8-10 | ○ | 7 | |

## Program Structure and Content

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Program is concise and does not contain unnecessary complexity | Program contains unnecessary steps and is complex | | Program contains unnecessary steps or is complex | | Program does not contain unnecessary steps or complexity | | Program incorporates at least one if-then sequence that saves the user steps | | | |
| | 0 | ○ | 1-7 | ○ | 8-14 | ○ | 15-20 | ○ | 18 | |
| Data storage is appropriate | Where data is stored is unclear | | Where data is stored may not be secure | | Data storage is clear, and storage is secure | | Data storage includes dynamic backup feature | | | |
| | 0 | ○ | 1-7 | ○ | 8-14 | ○ | 15-20 | ○ | 14 | |
| Program use follows a logical sequence | Program sequence is unclear | | Program sequence contains one or more errors | | Program sequence is logical and error free | | Program sequence is logical, error free, and incorporates if-then sequences | | | |
| | 0 | ○ | 1-7 | ○ | 8-14 | ○ | 15-20 | ○ | 18 | |

## Usability & Results

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Program use and navigation | No help menu or navigation system incorporated | | Includes basic help menu and usable navigation | | Interface contains no spelling errors, has interactive help menu, and has no navigation errors | | Program use also includes an intelligent feature such as an interactive Q&A | | | |
| | 0 | ○ | 1-7 | ○ | 8-14 | ○ | 15-20 | ○ | 10 | |
| Program results | Program produces inaccurate results | | Program results contain logic errors | | Program results are error free | | Program results update dynamically and are error free | | | |
| | 0 | ○ | 1-7 | ○ | 8-14 | ○ | 15-20 | ○ | 16 | |
| Output reports | Output reports are not accurate or not available | | Output reports are not sufficient to analyze data | | Output reports are error free and provide all necessary information to analyze data | | Output reports allow user to customize and analyze information | | | |
| | 0 | ○ | 1-7 | ○ | 8-14 | ○ | 15-20 | ○ | 14 | |

**Delivery Skills**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Statements are well-organized and clearly stated | Competitor(s) did not appear prepared | | Competitor(s) was prepared, but flow was not logical | | Demonstration flowed in logical sequence | | Demonstration flowed in a logical sequence; statements were well organized | |
| | 0 | O | 1-3 | O | 4-7 | O | 8-10 | O | 8 |
| Self-confidence, poise, assertiveness, and good voice projection | Competitor(s) did not demonstrate self-confidence | | Competitor(s) demonstrated self-confidence and poise | | Competitor(s) demonstrated self-confidence, poise, and good voice projection | | Competitor(s) demonstrated self-confidence, poise, good voice projection, and assertiveness | |
| | 0 | O | 1-3 | O | 4-7 | O | 8-10 | O | 10 |
| Ability to effectively answer questions | Unable to answer questions | | Does not completely answer questions | | Completely answers questions | | Interacted with the judges in the process of completely answering questions | |
| | 0 | O | 1-3 | O | 4-7 | O | 8-10 | O | 10 |
| | | | | | | **Demonstration Subtotal (200 max)** | | ST5319 |

**Penalty Points** (Mark all that apply)
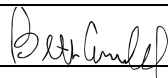
| Dress Code not followed | -5 | O | Deduct 5 points for each instance of guidelines not being followed | -_____ | O | **Total Penalty** | -___0__ |
|---|---|---|---|---|---|---|---|
| | | | | | | **Grand Total** | 158 |

Name: Anhaar Wasi, Gavin McCown

School: Ruston High School          State: Louisiana

Judge's Signature: *Beth Arnold*          Beth Arnold          Date: 3/26/2023 06:16:24 PM UTC

## Judge Notes / Comments:

Presenters were well prepared and program adhered to requirements. Presenters were able to answer all questions. The GUI was user friendly and utilized controls where applicable (like date-pickers, dropdown controls, etc). Presenters were able to demonstrate the basic CRUD functionality. Great job.