Control Flow Student Handout

### HEAP: How do the following variables change after each cycle of the program

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|  | **Read First** | **Read Second** | **Read Third** | **Read Forth** |  |  |  |
| **Variable** | **Initialization HEAP Values** | **setup** | **draw** | **keyPressed** |  |  | **Describe what the variable returns** |
| Int totalSongs |  |  |  |  |  |  |  |
| SoundFile[] song |  |  |  |  |  |  |  |
| Int indexSong |  |  |  |  |  |  |  |
| Int totalEffects |  |  |  |  |  |  |  |
| SoundFile[] effect |  |  |  |  |  |  |  |
| Int indexEffect |  |  |  |  |  |  |  |

### Which lines of Code are run During Each Cycle

* Number all the lines of the program example
* Indicate with a checkmark if the line refers to … or where the error might show up (see headings)
* Describe the parameters and the return of each line

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| **Line** | **Comment** | **Run & Syntax** | **Variable** | **Procedure** | **Method** | **Function** | **Decision**  **Control** | **Iteration**  **Control** | **Other** |
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