## Controlling Memory With Variables

 Grade Sheet (95pts.)| Variables | Initial |
| :---: | :---: |
| Puzzle \#4_Variables Toolbox: Write code so that the Debug Console, after running your program, states: <br> The value of score is: <br> 0 <br> The value of lives is: <br> 3 |  |
| Puzzle \#5_Repair Errors: The Debug Console, after running your program, states: <br> 7 <br> 13 |  |
| Puzzle \#6_Debugging Variables: The screen, after running your program, states: <br> The value of score is: 7 <br> The value of lives is: 20 |  |
| Puzzle \#7_Create A Variable \& Give It An Initial Value: The screen, after running your program, states: <br> The value of score is: 0 <br> The value of lives is: 3 |  |
| Puzzle \#8_Text Mode Coding: The Debug Console, after running your program (and manually typing the code) states: <br> The value of score is: 0 <br> The value of lives is: 3 |  |
| Puzzle \#10_ Variables and Arithmetic Expressions: The Debug Console, after running your program (and manually typing the code) states: <br> Add $7+3$ is: <br> 10 <br> sub 7-3 is: <br> 4 |  |
| Puzzle \#11_Text and Variables Living Together: The Screen, after running your program (and manually typing the code) states: You have 3 lives left with a score of: $0$ |  |
| Puzzle \#12_Expressions With Variables: The Screen, after running your program (and manually typing the code) states: <br> Points: 1023 <br> Lives: 3 <br> Total Time: 45 secs <br> Your Total Score is 68.2 |  |


| Puzzle \#15_User Inputs To Variables- Create A Simple Calculator: The <br> Screen, after running your program (and manually typing the code) states: <br> I have created this calculator. It will ask you for two numbers. It will then divide <br> the first number by the second number and provide you with an answer. <br> The first number you entered was: 100 <br> The second number you entered was: 25 <br> The answer is 4 | Initials |
| :--- | :--- |
| Puzzle \#16_Reassigning Variables: The Debug Console, after running your <br> program (and manually typing the code) states: <br> The answer for 'a' is:7 <br> The answer for 'b' is:7 |  |
| Puzzle \#19_Making Predictions! Trace the code and predict what you think <br> will be printed to the console. <br> Write it here -> |  |
| Puzzle \#20_Setting Variable Values: What value change or addition did you <br> make to the code in order to match the desired value? <br> Write it here -> |  |
| Puzzle \#21_Setting Variable Values: What value change or addition did you <br> make to the code in order to match the desired value? <br> Write it here -> |  |
| Puzzle \#22_Setting Variable Values: What value change or addition did you <br> make to the code in order to match the desired value? <br> Write it here -> |  |
| Puzzle \#26_Making Predictions! Trace the code and predict what you think <br> will be printed to the console: <br> Puzze \#23_Setting Variable Values: What value change or addition did you <br> Write it here -> |  |
| Puzzle \#24_Setting Variable Values: What value change or addition did you <br> Puzze \#24_Setting Variable Values: What value change or addition did you <br> make to the code in order to match the desired value? <br> Write it here -> |  |
| Write it here -> in order to match the desired value? |  |
| Write it here -> |  |

