CS31 Project 2 Report

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a)

The main obstacle I had with my program was that it wasn’t building because I forgot to add a curly bracket to close off one of my if-else statements but since there were so many curly brackets, it was hard to pinpoint which bracket was missing when I was debugging the program.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** | **Gender** | **Age** | **Weight** | **Height** | **Reason for Test** |
| (N/A) | (N/A) | (N/A) | (N/A) | (N/A) | Check empty name detection  and error message |
| Stewart Pid | (N/A) | (N/A) | (N/A) | (N/A) | Check invalid gender detection  and error message |
| Stew Pid | what | (N/A) | (N/A) | (N/A) | Check invalid gender detection  and error message |
| a | Male | 0 | (N/A) | (N/A) | Check invalid age detection  and error message |
| a | Female | -32 | (N/A) | (N/A) | Check invalid age detection  and error message |
| a | Trans Male | 20 | 0 | (N/A) | Check invalid weight detection  and error message |
| a | Trans Female | 20 | -140 | (N/A) | Check invalid weight detection  and error message |
| a | Queer | 20 | 132 | 0 | Check invalid height detection  and error message |
| a | Different | 20 | 132 | -123 | Check invalid height detection and error message |
| Howard | Male | 52 | 175 | 74 | Compare output with assignment example to confirm  that it's working properly |
| Paula Abdul | Female | 52 | 107 | 59 | Compare output with assignment example to confirm  that it's working properly |
| Chaz Bono | Trans Male | 43 | 165 | 59 | Compare output with assignment example to confirm  that it's working properly |
| Dustin Lance Black | Queer | 48 | 165 | 66 | Compare output with assignment example to confirm  that it's working properly |
| Ben He | Male | 18 | 146 | 69 | Additional test to check output correctness |
| jo | male | (N/A) | (N/A) | (N/A) | Make sure that uncapitalized genders are considered  invalid |
| cody | Male | 18 | 140 | 60 | Additional test to check output correctness |
| dankmemes42 | Different | 22 | 130 | 70 | Additional test to check output correctness |
| carson | Male | 17 | 109 | 100 | Additional test to check output correctness |

b)

All testing data used to confirm that my program is working correctly. So far I have not found any inputs that produce an incorrect output.