Program Test Data Sheet

Program Name: Fat Percentage Calculator Developer Name: Lauren Taylor Date Tested: 2/13/21

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| **Test Run** | **User Input**  Ex. Weight = 140 | **Desk Check Results**  Calculate by hand and record results | **Program Executed Results**  Run program and record how program executed, include modifications needed, if any |
| **Test 1 – Using Valid Data**  Total Calories = 200  Total Fat Grams = 8 | Total fat from calories = 72  Percentage of calories from fat = 36% | Total calories from fat = 8 \* 9  Total calories from fat = 72  Percent calories = (72 / 200) \* 100  Percent calories = 36 | Correct |
| **Test 2 – Incorrect data types**  Total Calories = hi  Total Fat Grams = 5 | This is not a valid entry. | This is not a valid entry. | This is not a valid entry. |
| **Test 3 – Out of range data values**  Total Calories = 1.962  Total Fat Grams = 1 | This is not a valid entry. | This is not a valid entry. | This is not a valid entry. |
| **Test 4 – User defined test**  Total Calories = 150  Total Fat Grams = 2 | Total fat from calories = 18  Percentage of calories from fat = 12% | Total calories from fat = 2 \* 9  Total calories from fat = 18  Percent calories = (18 / 150) \* 100  Percent calories = 12 | Correct |
| **Test 5 – User defined test**  Total Calories = 500  Total Fat Grams = 30 | Total fat from calories =  Percentage of calories from fat = 54% | Total calories from fat = 30 \* 9  Total calories from fat = 270  Percent calories = (270 / 500) \* 100  Percent calories = 54 | Correct |