### Informatics 43 – Spring, 2015 - Homework 3

## Student Name:

## Student ID:

## Discussion Time:

|  |  |  |
| --- | --- | --- |
| **Awarded Points**  | **Available Points**  |  |
|    |  16 | Matrix 1 |
|  |  16 | Matrix 2 |
|  |  16 | Matrix 3 |
|  |  16 | Matrix 4 |
|  |  16 | Matrix 5 |
|  |  16 | Matrix 6 |
|  |  4 | Adherence to format |
|    | 100  | ASSIGNMENT TOTAL  |

**Notes to help understand the following testing matrices.**

Here you might want to define certain aspects of your input. For example, you say that all of your Use Case 1 test cases are in the format {feet, inches, weight}.

##### Matrix 1

Function being tested: Use Case 1: Calculate BMI

Basis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Subdomains | Test Case Input Data  |  Expected Output |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

##### Matrix 2

Function being tested: Use Case 1: Calculate BMI

Basis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Subdomains | Test Case Input Data  |  Expected Output |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

##### Matrix 3

Function being tested: Use Case 1: Calculate BMI

Basis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Subdomains | Test Case Input Data  |  Expected Output |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

##### Matrix 4

Function being tested: Use Case 2: Get Workout Recommendations

Basis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Subdomains | Test Case Input Data  |  Expected Output |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

##### Matrix 5

Function being tested: Use Case 2: Get Workout Recommendations

Basis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Subdomains | Test Case Input Data  |  Expected Output |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

##### Matrix 6

Function being tested: Use Case 2: Get Workout Recommendations

Basis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Subdomains | Test Case Input Data  |  Expected Output |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |