|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Case Description | Test Steps | Expected Results | Actual Results | Explanation |
| TC1 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 2 and press enter 3. Enter L and press enter 4. Enter Y and press enter | 4 | 4 | Project A  Convert method call 2 stubs and the first stub return meters  The second stub return 2  The output is the input multiplied by the return value of the second stub  That means the test is passed and the method acted as expected |
| TC2 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 5 and press enter 3. Enter m and press enter 4. Enter k and press enter | 10 | 10 | Project A  Convert method call 2 stubs and the first stub return meters  The second stub return 2  The output is the input multiplied by the return value of the second stub  That means the test is passed and the method acted as expected |
| TC3 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 2 and press enter 3. Enter m and press enter 4. Enter y and press enter | 33 | 33 | Project B  Convert method call 1 stubs and the stub return 16.5 regardless the input unit entered  The output is the input multiplied by the return value of the stub  That means the test is passed and the method acted as expected |
| TC4 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 5 and press enter 3. Enter m and press enter 4. Enter m and press enter | 82.5 | 82.5 | Project B  Convert method call 1 stubs and the stub return 16.5 regardless the input unit entered  The output is the input multiplied by the return value of the stub  That means the test is passed and the method acted as expected |
| TC5 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 5 and press enter 3. Enter 1 and press enter 4. Enter 1 and press enter | Incorrect unit | Incorrect unit | Project B  Convert method call 1 stubs and the stub return 16.5 regardless the input unit entered  But the input units have to pass the check first before getting multiplied  That means the test is passed and the method acted as expected |
| TC6 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 4 and press enter 3. Enter m and press enter 4. Enter yards and press enter | 66 | 66 | Project B  Convert method call 1 stubs and the stub return 16.5 regardless the input unit entered  But the input units have to pass the check first before getting multiplied  That means the test is passed and the method acted as expected |
| TC7 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 3 and press enter 3. Enter meters and press enter 4. Enter y and press enter | 3.280839 | 3.280839 | Project C  The actual methods without stubs  That means the test is passed and the method acted as expected |
| TC8 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 1 and press enter 3. Enter yards and press enter 4. Enter m and press enter | 0.9144 | 0.9144 | Project C  The actual methods without stubs  That means the test is passed and the method acted as expected |
| TC9 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 5 and press enter 3. Enter yards and press enter 4. Enter X and press enter | Incorrect unit | Incorrect unit | Project C  The actual methods without stubs  The program through Argument exception with “Incorrect Unit” message  That means the test is passed and the method acted as expected |
| TC10 | Choose 1 or 2 from the menu  Enter the value  And 2 conversion units | 1. Enter 1 and press enter 2. Enter 5 and press enter 3. Enter yards and press enter 4. Enter F and press enter | 14.99997 | 14.99997 | Project C  The actual methods without stubs  That means the test is passed and the method acted as expected |