**Software Testing**

**Project Report**

Session: Spring 2021

**Person W** MSCSXXXXX

**Person X** MSDSXXXXX

**Person Y** BSCSXXXXX

**Person Z** BSCSXXXXX

**Project Title**

Department of Computer Science

**Information Technology University Lahore**

**Pakistan**

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## Project Description

Just paste your already submitted description report here.

## White-Box Testing

**Function 1:**

**Source Code:**

Paste your source code here.

**CFG:**

Paste your CFG here.

**Statement Coverage:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case#** | **Input** | **Output** | **Expected Output** | **Pass/Fail** | **Comments/Remarks** |
| **Cell 1** | Cell 2 | Cell 3 |  |  |  |
| **Cell 4** | Cell 5 | Cell 6 |  |  |  |

**Branch Coverage:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case#** | **Input** | **Output** | **Expected Output** | **Pass/Fail** | **Comments/Remarks** |
| **Cell 1** | Cell 2 | Cell 3 |  |  |  |
| **Cell 4** | Cell 5 | Cell 6 |  |  |  |

**Condition Coverage with Short Circuit Evaluation:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case#** | **Input** | **Output** | **Expected Output** | **Pass/Fail** | **Comments/Remarks** |
| **Cell 1** | Cell 2 | Cell 3 |  |  |  |
| **Cell 4** | Cell 5 | Cell 6 |  |  |  |

**Function 2:**

**Source Code:**

Paste your source code here.

**CFG:**

Paste your CFG here.

**Statement Coverage:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case#** | **Input** | **Output** | **Expected Output** | **Pass/Fail** | **Comments/Remarks** |
| **Cell 1** | Cell 2 | Cell 3 |  |  |  |
| **Cell 4** | Cell 5 | Cell 6 |  |  |  |

**Branch Coverage:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case#** | **Input** | **Output** | **Expected Output** | **Pass/Fail** | **Comments/Remarks** |
| **Cell 1** | Cell 2 | Cell 3 |  |  |  |
| **Cell 4** | Cell 5 | Cell 6 |  |  |  |

**Condition Coverage with Short Circuit Evaluation:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case#** | **Input** | **Output** | **Expected Output** | **Pass/Fail** | **Comments/Remarks** |
| **Cell 1** | Cell 2 | Cell 3 |  |  |  |
| **Cell 4** | Cell 5 | Cell 6 |  |  |  |