|  |  |  |  |
| --- | --- | --- | --- |
| Test Identifier | Description | Expected Results | Actual Results |
| testEncryptHello  Type: R | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: **1 4 7 10 13 3 6 9 12 15 14 2 5 8 11**  Do you want to (E)ncrypt or (D)ecrypt? **E**  Enter message: **HELLO** | Output message: **TPVPR** | Output message: **TPVPR**  Pass/Fail: **Pass**  The actual results matched the expected results. |
| testDecryptHello  Type: R | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: **1 4 7 10 13 3 6 9 12 15 14 2 5 8 11**  Do you want to (E)ncrypt or (D)ecrypt? **D**  Enter message: **TPVPR** | Output message: **HELLO** | Output message: **HELLO**  Pass/Fail: **Pass**  The actual results matched the expected results. |
| testInvalidOption  Type: R | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: **1 2 3 4 5 6 7 8 9 10 11 12 13 14 15**  Do you want to (E)ncrypt or (D)ecrypt? **J**  Enter message: **HELLO** | Output message: **Error message** | Output message: **Error message**  Pass/Fail: **Pass**  The actual results matched the expected results. |
| testInvalidDeck  Type: R | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: 1 -2 3 4 5 6 7 8 9 10 11 12 13 14 15  Do you want to (E)ncrypt or (D)ecrypt? E  Enter message: HELLO | Output message: **Error message** | Output message: **Error message**  Pass/Fail: **Pass**  The actual results matched the expected results. |
| testEncryptDog  Type: BV | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: 3 6 7 10 4 2 1 11 8 12 14 9 5 13 15  Do you want to (E)ncrypt or (D)ecrypt? E  Enter message: DOG | Output message: **OUS** | Output message: **LCS**  Pass/Fail: **Fail**  The actual results did not match the expected results. Only one of three letters matched the expected output. |
| testDecryptDog  Type: BV | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: 3 6 7 10 4 2 1 11 8 12 14 9 5 13 15  Do you want to (E)ncrypt or (D)ecrypt? D  Enter message: OUS | Output message: **DOG** | Output message: **GGG**  Pass/Fail: **Fail**  The actual results did not match the expected results. Only one of three letters matched the expected output. |
| testEncryptJava  Type: BV | **Preconditions:**The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: 6 9 5 7 12 14 3 1 8 2 4 10 15 11 13  Do you want to (E)ncrypt or (D)ecrypt? E  Enter message:JAVA | Output message:  **TGWM** | Output message: **THWC**  Pass/Fail: **Fail**  The actual results did not match the expected results. Only two of four letters matched the expected output. |
| testDecryptJava  Type: BV | **Preconditions:**The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards:6 9 5 7 12 14 3 1 8 2 4 10 15 11 13  Do you want to (E)ncrypt or (D)ecrypt? D  Enter message:TGWM | Output message:  **JAVA** | Output message: **JBVL**  Pass/Fail: **Fail**  The actual results did not match the expected results. Only two of four letters matched the expected output. |
| testEncryptAnd  Type: BV | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: 14 7 8 3 2 4 15 12 9 1 5 10 11 6 13  Do you want to (E)ncrypt or (D)ecrypt? E  Enter message: AND | Output message:  **FWN** | Output message: **Error message**  Pass/Fail: **Fail**  The actual results did not match the expected results. An unknown error caused the program to not run. |
| testDecryptAnd  Type: BV | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: 14 7 8 3 2 4 15 12 9 1 5 10 11 6 13  Do you want to (E)ncrypt or (D)ecrypt? D  Enter message:FWN | Output message:  **AND** | Output message: **Error message**  Pass/Fail: **Fail**  The actual results did not match the expected results. An unknown error caused the program to not run. |
| testEncryptToy  Type:BV | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: 12 4 6 13 1 3 9 7 15 11 10 8 2 5 14  Do you want to (E)ncrypt or (D)ecrypt? E  Enter message:TOY | Output message:  **URZ** | Output message: **UUZ**  Pass/Fail: **Fail**  The actual results did not match the expected results. Only two of three letters matched the expected output. |
| testDecryptToy  Type: BV | **Preconditions:** The SomewhatMoreSimplifiedSolitaire program is running.  **Steps:**  Enter the deck of cards: 12 4 6 13 1 3 9 7 15 11 10 8 2 5 14  Do you want to (E)ncrypt or (D)ecrypt? D  Enter message:URZ | Output message:  **TOY** | Output message: TLY  Pass/Fail: **Fail**  The actual results did not match the expected results. Only two of three letters matched the expected output. |