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|---|--------------------------|
| Назва тестового набору<br>Test Suite Description    | UnitTesting9.4           |
| Назва проекту / ПЗ<br>Name of Project /<br>Software | Unit_Testing9.4          |
| Рівень тестування<br>Level of Testing               | модульний / Unit Testing |
| Автор тест-сюита<br>Test Suite Author               | Єлизавета Спринчан       |
| Виконавець<br>Implementer                           | Єлизавета Спринчан       |

Artifact: Test Suite

Date: 07.04.2023

| T.S. ID | Action   | Expected result   | Test Result |
|---------|--|---|-------------|
| 4.1     | 1. Запустити програму  | d - calls a function<br>s_calculation<br>g - calls a function<br>el_calculation<br>h - calls a function<br>Beaufort_scale<br>j - calls a function<br>count_zeros_or_ones<br>'k','K' and 'к' terminate the program | Passed      |
| 4.2     | 1. Натиснути Enter<br>2. Ввести d<br>3. Ввести 8<br>4. Ввести 6<br>5. Ввести 1 | d - calls a function<br>s_calculation<br>g - calls a function<br>el_calculation<br>h - calls a function<br>Beaufort_scale<br>j - calls a function<br>count_zeros_or_ones  | Passed      |

|     |  |  |        |
|-----|--|--|--------|
|     |  | <p>'k','K' and 'κ' terminate the program</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter x: 8</p> <p>Enter y: 6</p> <p>Enter z: 1</p> <p>the result of S = 0.70878</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p>  |        |
| 4.3 | <p>1. Ввести g</p> <p>2. Ввести 8345</p> | <p>d - calls a function<br/>s_calculation</p> <p>g - calls a function<br/>el_calculation</p> <p>h - calls a function<br/>Beaufort_scale</p> <p>j - calls a function<br/>count_zeros_or_ones</p> <p>'k','K' and 'κ' terminate the program</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter x: 8</p> <p>Enter y: 6</p> <p>Enter z: 1</p> <p>the result of S =<br/>0.70878</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter number of<br/>consumed energy: 8345</p> | Passed |

|     |   |   |        |
|-----|---|---|--------|
|     |   | <p>Electricity bill:<br/>11185.6UAH</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p>  |        |
| 4.4 | <p>1. Ввести h</p> <p>2. Ввести<br/>6.7</p> | <p>d - calls a function<br/>s_calculation</p> <p>g - calls a function<br/>el_calculation</p> <p>h - calls a function<br/>Beaufort_scale</p> <p>j - calls a function<br/>count_zeros_or_ones</p> <p>'k','K' and 'κ' terminate<br/>the program</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter x: 8</p> <p>Enter y: 6</p> <p>Enter z: 1</p> <p>the result of S =<br/>0.70878</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter number of<br/>consumed energy: 8345</p> <p>Electricity bill:<br/>11185.6UAH</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> | Passed |

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|-----|--|--|--------|
|     |  | <p>Enter number of speed:<br/>6.7</p> <p>Beafort point of the<br/>weakest wind power in<br/>24 hours is: 4</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p>  |        |
| 4.5 | <p>1. Ввести j</p> <p>2. Ввести<br/>5633</p> | <p>d - calls a function<br/>s_calculation</p> <p>g - calls a function<br/>el_calculation</p> <p>h - calls a function<br/>Beaufort_scale</p> <p>j - calls a function<br/>count_zeros_or_ones</p> <p>'k','K' and 'κ' terminate<br/>the program</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter x: 8</p> <p>Enter y: 6</p> <p>Enter z: 1</p> <p>the result of S =<br/>0.70878</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter number of<br/>consumed energy:<br/>8345</p> <p>Electricity bill:<br/>11185.6UAH</p> | Passed |

|     |  |  |        |
|-----|--|--|--------|
|     |  | <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter number of speed:<br/>6.7</p> <p>Beafort point of the<br/>weakest wind power in<br/>24 hours is: 4</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter number in range<br/>0 - 500700: 5633</p> <p>The amount of binary<br/>zeros or ones is 9</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> |        |
| 4.6 |  | <p>d - calls a function<br/>s_calculation</p> <p>g - calls a function<br/>el_calculation</p> <p>h - calls a function<br/>Beaufort_scale</p> <p>j - calls a function<br/>count_zeros_or_ones</p> <p>'k','K' and 'κ' terminate<br/>the program</p> <p>Enter letter<br/>(d/g/h/j/k/K/κ):</p> <p>Enter x: 8</p> <p>Enter y: 6</p>                  | Passed |

|  |  |  |  |
|--|--|--|--|
|  |  | <p>Enter z: 1</p> <p>the result of <math>S =</math></p> <p>0.70878</p> <p>Enter letter</p> <p>(d/g/h/j/k/K/κ):</p> <p>Enter number of</p> <p>consumed energy:</p> <p>8345</p> <p>Electricity bill:</p> <p>11185.6UAH</p> <p>Enter letter</p> <p>(d/g/h/j/k/K/κ):</p> <p>Enter number of speed:</p> <p>6.7</p> <p>Beafort point of the</p> <p>weakest wind power in</p> <p>24 hours is: 4</p> <p>Enter letter</p> <p>(d/g/h/j/k/K/κ):</p> <p>Enter number in range</p> <p>0 - 500700: 5633</p> <p>Tne amount of binary</p> <p>zeros or onces is 9</p> <p>Enter letter</p> <p>(d/g/h/j/k/K/κ):</p> <p>*Закінчена робота</p> <p>програми*</p> |  |
|--|--|--|--|