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| Назва тестового набору  Test Suite Description | TS\_9\_4 |
| Назва проекта / ПЗ  Name of Project / Software | Tkachenko\_task |
| Рівень тестування  Level of Testing | системний / System Testing |
| Автор тест-сьюта  Test Suite Author | Ткаченко Роман |
| Виконавець  Implementer | Ткаченко Роман |

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| Ід-р тест-кейса / Test Case ID | Дії (кроки) /  Action  (Test Steps) | Очікуваний  результат /  Expected Result | Результат тестування (пройшов/не вдалося/ заблокований) /  Test Result (passed/failed/ blocked) |
| TS-1 | 1. Запустити програму | Hello! Program menu:  d - function s\_calculation  j - function binary\_func  h - function bal\_boforta  g - function population\_flow  Press 'k', 'K', or 'к' to terminate the program. | PASSED |
| TS-2 | 1. Ввести “t” 2. Ввести d 3. Ввести 6 4. Ввести 8 5. Ввести 15 | Hello! Program menu:  d - function s\_calculation  j - function binary\_func  h - function bal\_boforta  g - function population\_flow  Press 'k', 'K', or 'к' to terminate the program.  Enter symbol (d/j/h/g/k/K/к):  \*Звуковий сигнал\*  Enter symbol (d/j/h/g/k/K/к):  Enter x, y, z: 6  8  15  Result: -11.315  Enter symbol (d/j/h/g/k/K/к): | PASSED |
| TS-3 | 1. Ввести “j” 2. Ввести 57395 3. Ввести “k” | Hello! Program menu:  d - function s\_calculation  j - function binary\_func  h - function bal\_boforta  g - function population\_flow  Press 'k', 'K', or 'к' to terminate the program.  Enter symbol (d/j/h/g/k/K/к):  Enter number in range 0 - 500700: 57395  The amount of binary zeros or onces: 9  Enter symbol (d/j/h/g/k/K/к):  \*Закриття програми\* | PASSED |
| TS-4 | 1. Ввести “h” 2. Ввести 11.5, 7.8, 6.3, 7.0, 20.3, 8.0, 7.2, 8.6, 12.2, 15.9, 21.7, 14.8, 18.6, 8.1, 24.8, 16.6, 18.2, 21.8, 15.7, 23.6, 19.1, 18.5, 15.3, 15.6 3. Ввести “к” | Hello! Program menu:  d - function s\_calculation  j - function binary\_func  h - function bal\_boforta  g - function population\_flow  Press 'k', 'K', or 'к' to terminate the program.  Enter symbol (d/j/h/g/k/K/к):  Enter wind energy in 1 hour: 11.5  Enter wind energy in 2 hour: 7.8  Enter wind energy in 3 hour: 6.3  Enter wind energy in 4 hour: 7.0  Enter wind energy in 5 hour: 20.3  Enter wind energy in 6 hour: 8.0  Enter wind energy in 7 hour: 7.2  Enter wind energy in 8 hour: 8.6  Enter wind energy in 9 hour: 12.2  Enter wind energy in 10 hour: 15.9  Enter wind energy in 11 hour: 21.7  Enter wind energy in 12 hour: 14.8  Enter wind energy in 13 hour: 18.6  Enter wind energy in 14 hour: 8.1  Enter wind energy in 15 hour: 24.8  Enter wind energy in 16 hour: 16.6  Enter wind energy in 17 hour: 18.2  Enter wind energy in 18 hour: 21.8  Enter wind energy in 19 hour: 15.7  Enter wind energy in 20 hour: 23.6  Enter wind energy in 21 hour: 19.1  Enter wind energy in 22 hour: 18.5  Enter wind energy in 23 hour: 15.3  Enter wind energy in 24 hour: 15.6  Beaufort score of the weakest wind power in 24 hours: 4  Enter symbol (d/j/h/g/k/K/к):  \*Закриття програми\* | PASSED |
| TS-5 | 1. Ввести “g” 2. Ввести 3495 3. Ввести 13 4. Ввести 6 5. Ввести 35 6. Ввести 56 7. Ввести “к” | Hello! Program menu:  d - function s\_calculation  j - function binary\_func  h - function bal\_boforta  g - function population\_flow  Press 'k', 'K', or 'Рє' to terminate the program.  Enter symbol (d/j/h/g/k/K/к):  Enter population of the region: 3495  Enter number of birth on the region: 13  Enter number of death cases of the region: 6  Enter number of emigration cases in the region: 35  Enter number of immigration cases in the region: 56  Current number of population in the region: 3509  Current number of changes in the region: 14  Enter symbol (d/j/h/g/k/K/к):  \*Закриття програми\* | PASSED |