Task 02 Tests

Here are the tests for several subtasks of task 02

**subtask01 Hello**

|  |  |  |  |
| --- | --- | --- | --- |
| № test | Args description | Args | Output |
| 1 | No args | [ ] |  |
| 2 | More than one arg | [ “12”, “14”, “13” ] |
| 3 | String | [ “Some\_string” ] | “Hello, Some\_string” |
| 4 | One Integer | [ “12” ] | “Hello, 12” |

**subtask02 Reverse**

|  |  |  |  |
| --- | --- | --- | --- |
| № test | Args description | Args | Output |
| 1 | No args | [ ] | The args format message |
| 2 | Any amount of args | [ “-n”, “12”, “aads” ] | Reversed args, Example: “aads 12, -n” |
| 3 | One arg | [ “12” ] | That one arg, Example: 12 |

**subtask03 RandomNumbers**

|  |  |  |  |
| --- | --- | --- | --- |
| № test | Args description | Args | Output |
| 1 | No args | [ ] | The args format message |
| 2 | One String | [ “Some\_string” ] |
| 3 | One number, not Integer | [ “12.1” ] |
| 4 | More than two args | [ “12”, “14”, “13” ] |
| 5 | One string, one Integer | [ “str”, “12” ] |
| 8 | Too big int value | [ “1241241241244124” ] |
| 6 | “-n” String and integer | [ “-n”, “12” ] | 12 random numbers, separated by new line character |
| 7 | One Integer | [ “12” ] | 12 random numbers, separated by space |

**subtask04 PasswordChecker**

|  |  |  |  |
| --- | --- | --- | --- |
| № test | Args description | Args | Output |
| 1 | No args | [ ] | The args format message |
| 2 | More than 1 argument | [ “-n”, “12”, “aads” ] |
| 3 | Wrong password | [ “12” ] | “Password declined” |
| 4 | Correct password | [ “pass1298QE” ] | “Password accepted” |

**subtask05 ArgsCalculator**

|  |  |  |  |
| --- | --- | --- | --- |
| № test | Args description | Args | Output |
| 1 | No args | [ ] | The args format message |
| 2 | First arg is String, but it’s not in the operators set | [ “-e”, “12”, “13” ] |
| 3 | Any of args is not Number, except first | [ “12”, “b”, “13” ] |
| 4 | All args are Numbers | [ “12”, “14.2” ] |
| 5 | One arg | [ “12” ] |
| 6 | First arg is “-s” command | [ “-s”, “143”, “23” ] | Sum of all args, except first one |
| 7 | First arg is “-m” command | [ “-m”, “143”, “23” ] | Multiplication of all args, except first one |

**subtask06 TaskCompletionDate**

|  |  |  |  |
| --- | --- | --- | --- |
| № test | Args description | Args | Output |
| 1 | No args | [ ] | The args format message |
| 2 | More than 2 args | [ “as”, “12”, “13” ] |
| 3 | Second arg is not Integer | [ “Ilya”, “asd” ] |
| 4 | One arg | [ “12” ] |
| 5 | Name and number | [ “Ilya”, “13” ] | Message about the date of task completion |

**subtask07 BirthdayAnalyzer**

|  |  |  |  |
| --- | --- | --- | --- |
| № test | Args description | Args | Output |
| 1 | Less than 3 args | [ ] | The args format message |
| 2 | More than 3 args | [ “1945”, “12”, “13” , “14”] |
| 3 | year is less than 1800 or higher, than current year or not an Integer | [ “2222”, “3”, “4” ] |
| 4 | moth is less than 1 or higher, than 12 or not an Integer | [ “2009”, “32”, “4” ] |
| 5 | day is less than 1 or higher, than 31 or not an Integer | [ “2000”, “3”, “-3” ] |
| 6 | Correct year, month, and day | [ “2000”, “3”, “3” ] | Information about day of week of birthday and how old is user |