

Laboratory 16: Exceptions

1. Write a function that takes a list as a single argument. The function returns the number of items that cannot be converted into a floating point number. Use exceptions.
2. Write a function that uses the `isinstance()` for the same problem.
3. Write a function that generates a list with n floating point numbers and 10 strings. The position of the strings in the list is random.
4. Write a timer function that checks the time of running the functions in 1 and 2 on a list with $1000+10$, $10000+10$, and $100000+10$ items produced in 3.