

TEST REPORT - ugen.py

ugen.py is a script for generating usernames from user data provided in input files.

Input files must be named input_file1.txt, input_file2.txt, ... input_fileN.txt encoded in utf-8.

Format of the data is ID, Forename, Middle Name (optional), Surname, Department separated by colon.

Example line:

```
1234:Jozef:Miloslav:Hurban:Legal
```

Script is validating input data. If ID is not an integer, if Forename or Surname is missing, it will skip the line and report after running.

If Department is missing, script will process the line, but also report it after running.

To run the script you have to provide output file using -o or --output flag and input file(s) using positional arguments.

Example command:

```
python3 ugen.py -o output_file.txt input_file1.txt input_file2.txt  
input_file3.txt
```

Running script with -h or --help flag will display help.

If required arguments are missing or incorrect (wrong filepath, missing input file...) it will display error and help and exit.

EXAMPLE 1: Running script without arguments

Command:

```
python3 ugen.py
```

Output:

```
sample output
```