

- **Print command**

This command should print all the passed arguments separated by single spaces (independent of number of spaces/tabs between them).

Command Line: a1.exe print third year students are honest and clever.

Expected output: third year students are honest and lever

- **reverse command**

This command should print the provided arguments in a reverse order separated by single spaces.

Command Line: a1.exe reverse Cats love rabbits but rabbits hate cats

Expected output: cats hate rabbits but rabbits love cats

- **upper command**

This command should print all the provided arguments with all characters lower case.

Command Line: a1.exe upper cairo university

Expected output: CAIRO UNIVERSITY

- **shuffleWord command**

This command should shuffle the characters of a provided word by swapping every pair of characters

Command Line: a1.exe shuffle structure

Expected output: tsurtcrue

- **shuffleStatement**

This command should shuffle the words of the provided statements

Command Line: a1.exe shuffleStatement Egypt has goodies

Expected output: has Egypt goodies

- **Delete**

This command should delete one of the provided arguments and print the remaining arguments. The argument to be deleted is identified by the first parameter given after delete

Command Line: a1.exe delete 3 12 5 good 3 nice

Expected output: 12 5 3 nice

- **Middle**

This command finds and prints the middle element(s) in a list of arguments. If the number is arguments after the command is even, then there are two middles.

Command Line: a1.exe middle 3 12 5 good 3 nice

Expected output: 5 good

- **Add**

This command should add all the integer numbers after add and return the sum

Command Line: a1.exe add 4 5 6 2

Expected output: 17

- **Random**

This command should generate a sequence of random numbers give a specific range (min and max numbers) and a seed value. The length of the sequence is passed as a parameter.

Command Line: a1.exe random 10 1 10 4 a1.exe random sequenceLength
minNumber maxNumber seedValue

Expected output: 8 2 10 3 10 1 7 8 7 1