

# ASCII String Generator

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## Summary

`print_ascii_text.py` reads a specified input and generates a 5x7 ascii text in `output.txt`. Handles ASCII characters #32-122 and prints #32-96, [see here for ascii table](#).

## Usage

### Program/script:

```
git clone https://github.com/juuwong/ASCII_art.git
cd ASCII_ART
```

```
# The following produces the same output `HELLO WORLD`

# Command Line Arguments: 1
.\print_ascii_text.py
Please enter your input:
hello world
['H', 'E', 'L', 'L', 'O', ' ', 'W', 'O', 'R', 'L', 'D']

# Command Line Arguments: 2
.\print_ascii_text.py "hello world"
['H', 'E', 'L', 'L', 'O', ' ', 'W', 'O', 'R', 'L', 'D']

# Command Line Arguments: 3+
.\print_ascii_text.py hello world
['H', 'E', 'L', 'L', 'O', ' ', 'W', 'O', 'R', 'L', 'D']
```

### output.txt

```
H  H EEEEE L   L   OOO  W  W OOO  RRRR  L   DDDD
H  H E     L   L   O  O  W  W O   O R   R L   D  D
HHHHH EEEEE L   L   O  O  W  W O   O RRRR  L   D  D
H  H E     L   L   O  O  W W W O   O R   R L   D  D
H  H E     L   L   O  O  W W W O   O R   R L   D  D
```

```
H  H EEEEE LLLLL LLLLL 000      W W  000  R  R LLLLL DDDD
```

## Future

- output file options, overwrite or append (default)
- command short/long arguments (-h/--help, -v/--verbose, -q/--quiet)
- add lowercase ascii

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