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$ python3
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>>> from crossword import *
>>> C1 = Crossword('empty_grid_1.tex')
>>> C1.fill_with_given_words('words_1.txt', 'nonexistent.tex')
Hey, it can't be filled with these words!
>>> C2 = Crossword('empty_grid_2.tex')
>>> C2.fill_with_given_words('words_2.txt', 'filled_empty_grid_2.tex')
I filled it!
Result captured in filled_empty_grid_2.tex.
>>> C3 = Crossword('empty_grid_3.tex')
>>> C3.fill_with_given_words('words_3.txt', 'filled_empty_grid_3.tex')
I filled it!
Result captured in filled_empty_grid_3.tex.
>>> P1 = Crossword('partial_grid_1.tex')
>>> P1.fill_with_given_words('words_2.txt', 'nonexistent.tex')
Hey, it can't be filled with these words!
>>> P2 = Crossword('partial_grid_2.tex')
>>> P2.fill_with_given_words('words_2.txt', 'filled_partial_grid_2.tex')
I filled it!
Result captured in filled_partial_grid_2.tex.
>>> P3 = Crossword('partial_grid_3.tex')
>>> P3.fill_with_given_words('words_2.txt', 'nonexistent.tex')
Hey, it can't be filled with these words!
>>> ^D
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