

```
$ python3
...
>>> from crossword import *
>>> C1 = Crossword('empty_grid_1.tex')
>>> C1.solve('solved_empty_grid_1.tex')
I solved it!
Result captured in solved_empty_grid_1.tex.
>>> C2 = Crossword('empty_grid_2.tex')
>>> C2.solve('solved_empty_grid_2.tex')
I solved it!
Result captured in solved_empty_grid_2.tex.
>>> P1 = Crossword('partial_grid_1.tex')
>>> P1.solve('solved_partial_grid_1.tex')
I solved it!
Result captured in solved_partial_grid_1.tex.
>>> P2 = Crossword('partial_grid_2.tex')
>>> P2.solve('nonexistent.tex')
Hey, it can't be solved!
>>> P3 = Crossword('partial_grid_3.tex')
>>> P3.solve('solved_partial_grid_3.tex')
I solved it!
Result captured in solved_partial_grid_3.tex.
>>> ^D
$
```