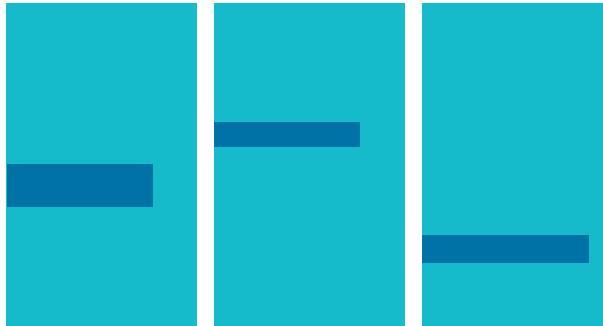
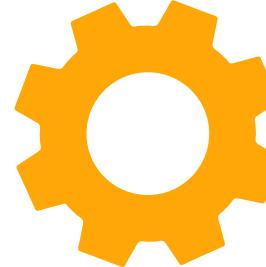


PROgram Synthesis by Example

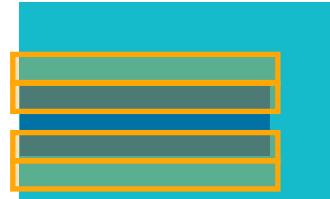


In/Output Examples



RegEx Program

PROSE
Synthesis



Divide & Conquer

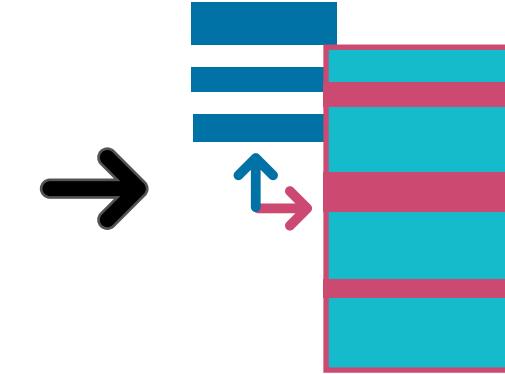
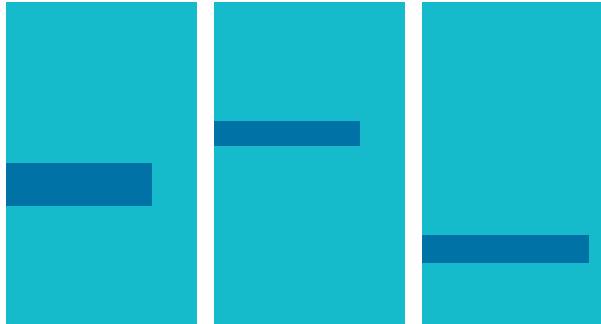
→ \n.*[A-Z]{5}
→ \s[^-\n.]Error(s)?:
→ \-{10} FAILURES \-{10}

Enumerate

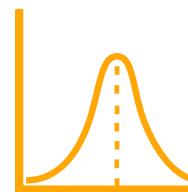
1. \-{10} FAILURES \-{10}
2. \n.*[A-Z]{5}
3. \s[^-\n.]Error(s)?:

Ranking

Text Similarity



Pre-processing



TF-IDF

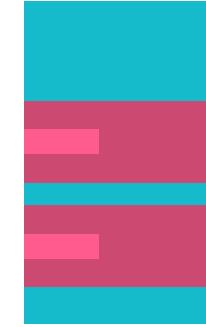


Cosine Similarity

Keyword Search

Error
FAILURE
Warning
X
Issues

Keywords



Findings +
Surroundings

