**NLP - Exercise 5**

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**Part 2:**

1. The sentence “חולצה מטיילת במדבר” can be parsed in two different ways, here are the syntax tree of each way of them:

![Chart

Description automatically generated with medium confidence]()

![Graphical user interface, application

Description automatically generated]()

1. For GP sentences I have chosen:
2. “The boat floated down the river sank”. When we reach the word “floated” we consider it as a verb, but when we reach “sank” we suddenly realize that the initial interpretation is not valid, and the right thing to do is to think about “floated” as an adjective not as a verb. Therefore, the word “floated” has the GP effect in this sentence.
3. “The girl told the story cried”. This GP sentence is first parsed as so that the phrase “told the story” initially describes an action undertaken by the girl, until the word “cried” is reached, at which point the parsing of the sentence changes to reflect that “told the story” describes something that was done to the girl. This sentence can be phrased more clearly as “The girl who was told the story cried”.
4. The sentence “” is ambiguous.