

Assignment 1

FULL_GITHUB_REPOSITORY_URL

GroupXX

Full Name
Net ID

Full Name
Net ID

TODO: Fill in your name and details above. If not filled correctly, we will subtract 2pt.

TODO: It is highly suggested to use the template for reports. You are free to use other softwares (e.g. Microsoft Word, Google Doc), but we prefer you follow the structure below.

1 Implementation Details

```
3
4 if __name__ == "__main__":
5     print("this is a piece of code")
```

Figure 1: Example of a Code Piece.

```
import numpy
print("this is a piece of code")
```

Listing 1: Example of a Code Piece.

TODO:

1.1 Unigram and bigram probability computation (15%)

1.2 Smoothing (15%)

1.3 Unknown word handling (15%)

1.4 Implementation of perplexity (15%)

2 Eval, Analysis and Findings

TODO: to add (30%)

3 Others

TODO: to add (10%)