

Task

- ☒ Complete the TopKTagger class
- ☒ Run your TopKTagger , k = 3
- ☒ Submit code and TaggerTest results

See java files TopKTagger.java for the code in complete form

TopKtagger does as expected. It returns the 3 top probabilities from the list after the list has been sorted. This list is passed through getKBestList from classifier.predict(features). Looking back I should have made sure that K wasn't greater than the list size.

```
protected List<Prediction> getPredictions(List<StringFeature> features)
{
    return getKBestList(classifier.predict(features), k);
}

static public <T extends Comparable<T>>List<T> getKBestList(List<T> list, int k)
{
    List<T> best = new ArrayList<>();

    Collections.sort(list);

    for (int i=0; i<k;i++)
    {
        best.add(list.get(list.size()-1-i));
    }

    return best;
}
```