CIS*2500 Assignment 3, question 3

This example file supplied, called sample_records.rec, has the text fields encoded using the same shift as used for the text example for question 2 (which has a shift of 7).

Again, the text, which you can copy into a file to be used with your -d command line argument, is:

Aol thpu mvyt vm mvvk wyvkbjapvu pu zbjo zvjplaplz pz aol khpsf jvssljapvu vm dpsk wshuaz huk aol obuapun vm dpsk hupthsz. Obualy-nhaolylyz tvcl hyvbuk jvuzahuasf pu zlhyjo vm mvvk.

The file sample_records.rec consists of 30 records.

The first record contains the following information

```
Khcpk Hsslu
15.643070, 13.076599, 78.395395, 91.398579, 35.920685, 18.945544, 17.750780, 37.362814,
56.808865, 86.587855, 82.087271, 40.759006, 36.617341, 27.643189, 99.081996, 71.112077,
80.683917, 54.595888, 93.091389, 86.976848, 19.887094, 42.388456, 22.781701, 92.056155
Fvb jhu kv hufaopun, iba uva lclyfaopun.
26, 2, 16, 18, 4, 13, 15, 4, 3, 27, 15, 8
```

After decoding the record becomes

```
David Allen
15.643070, 13.076599, 78.395395, 91.398579, 35.920685, 18.945544, 17.750780, 37.362814,
56.808865, 86.587855, 82.087271, 40.759006, 36.617341, 27.643189, 99.081996, 71.112077,
80.683917, 54.595888, 93.091389, 86.976848, 19.887094, 42.388456, 22.781701, 92.056155
You can do anything, but not everything.
26, 2, 16, 18, 4, 13, 15, 4, 3, 27, 15, 8
```