

435/SPRING 2016/PROJECT #1/INSTRUCTIONS

The following files are supplied:

- `decoder.input`
- `decoder.output`
- `decoder.output.debug`

The input file should produce the output file. The file `decoder.output.debug` is annotated by my program.

- `Sequence.java`
- `Table.java`

These files implement the `Sequence` and `Table` classes we discussed.

- `DecoderMain.java`
- `Decoder.java`

The class `DecoderMain` is just a driver: it creates an object of class `Decoder` using standard input.

You have to complete the implementation of `Decoder`. I have created a number of methods analogous to those of the LZW encoder to construct an instance and read the input. You have to implement the method `decode(n)`, which decodes a single integer `n`.