problem 4

1. Specifying encoding is very important because we know how to decode the information that is received or sent. Without encoding or decoding we would not be able to read the files that are shared on the internet and not using encoding would leave our information without security.
2. There are a few different ways to find out but I would check the metadata since those typically have some information about and if that didn't work use a library to try figure out which decoding to use.