ENCODING

Hello world!

UTF-8
ASCII
LATIN-1
JIS

48 65 6c 6c 6f 20
77 6f 72 6c 64 21

STRING TYPE

BYTE TYPE

Human Readable
Printable Character

Machine Readable
Numerical Code

Any character is in the
Unicode Character Set

Binary representation
saved on disk

DECODING

Always match
the encoding