

CSE 326



# Huffman coding

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# Coding theory

## Code examples

000,001,010,011,100,101

1,01,001,0001,00001,000001

00,010,011,100,11,101

- Conversion, Encryption, Compression
- Binary coding
- Variable length coding

A			
B			
C			
D			
E			
F			

# Decode the following

E	0
T	11
N	100
I	1010
S	1011

110100100101010  
11

Prefix code

E	0
T	10
N	100
I	0111
S	1010

100100101010

Ambiguous