```
Enter text lines, terminate with $
susie says it is easy
SUSIE[SAYS[IT[IS[EASY\
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [ \ ]
200020003000000000611000020410
Enter first letter of enter, show, code, or decode: s
+22
          +9
                               +13
               +5
     [4
                          S6
                                     +7
             A2 +3
                                   I3
 -- -- -- -- T1 +2 -- -- -- Y2 E2
-----\1U1------
Enter first letter of enter, show, code, or decode: c
A 010
E 1111
I 110
S 10
T 0110
U 01111
Y 1110
[ 00
\ 01110
Coded message:
110
Enter first letter of enter, show, code, or decode: d
Decoded msg:
SUSIE[SAYS[IT[IS[EASY\
Enter first letter of enter, show, code, or decode:
```

Enter first letter of enter, show, code, or decode: e